

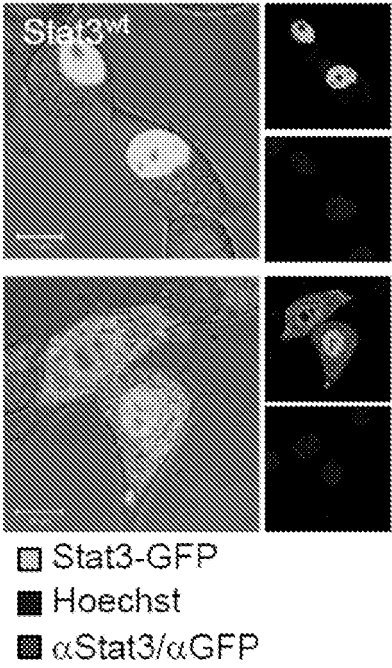


FIG. 1A

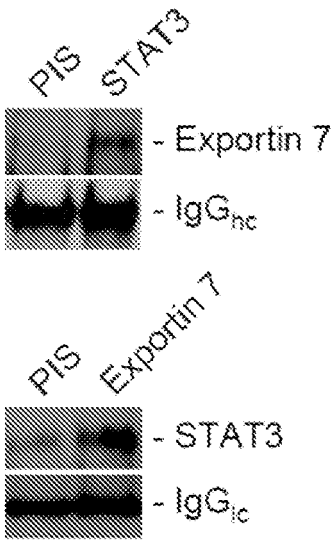


FIG. 1B

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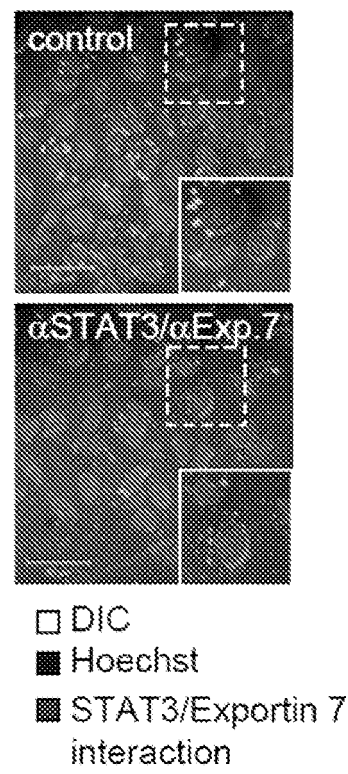


FIG. 1C

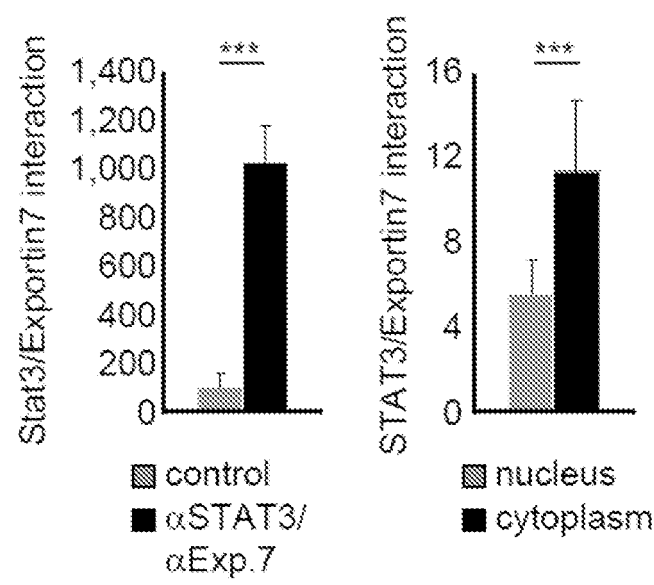


FIG.1D

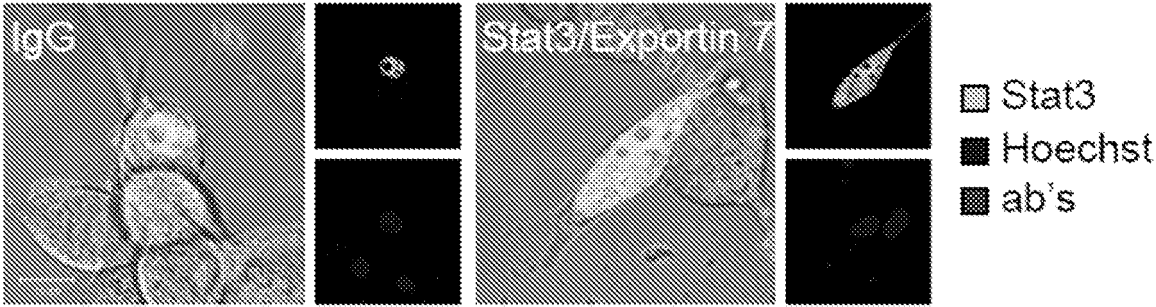


FIG. 1E

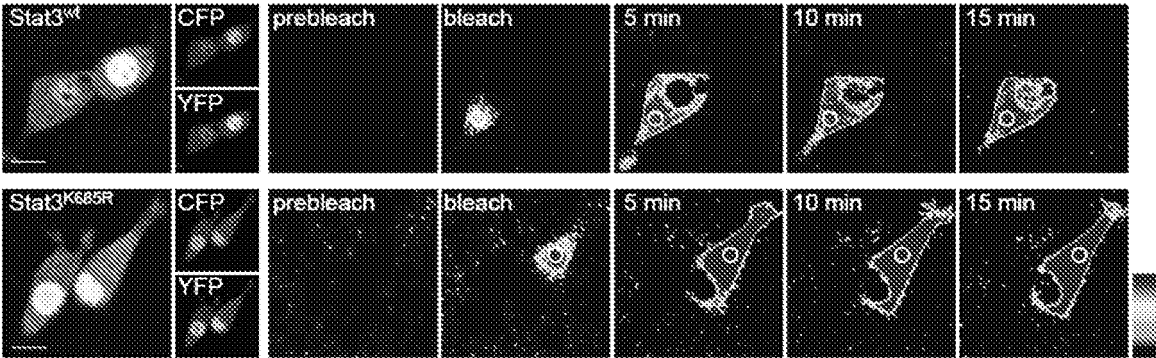


FIG. 2A

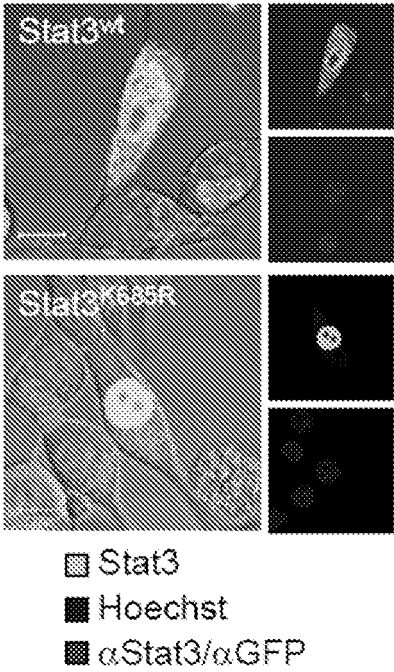


FIG. 2B

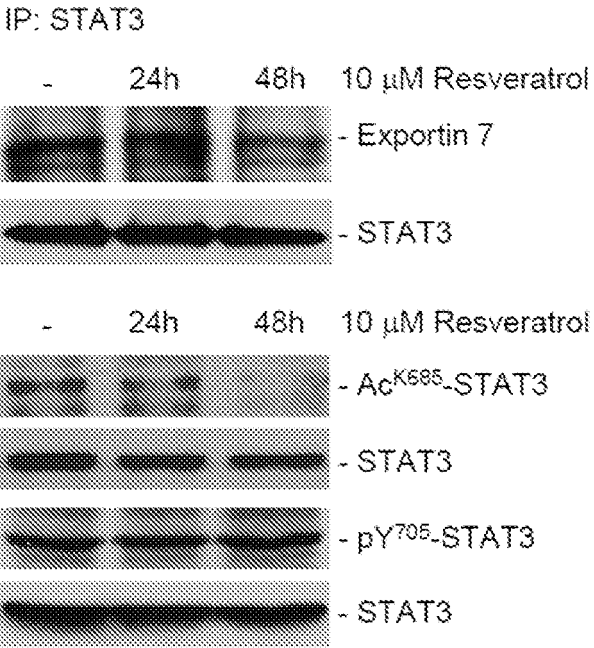


FIG. 2C

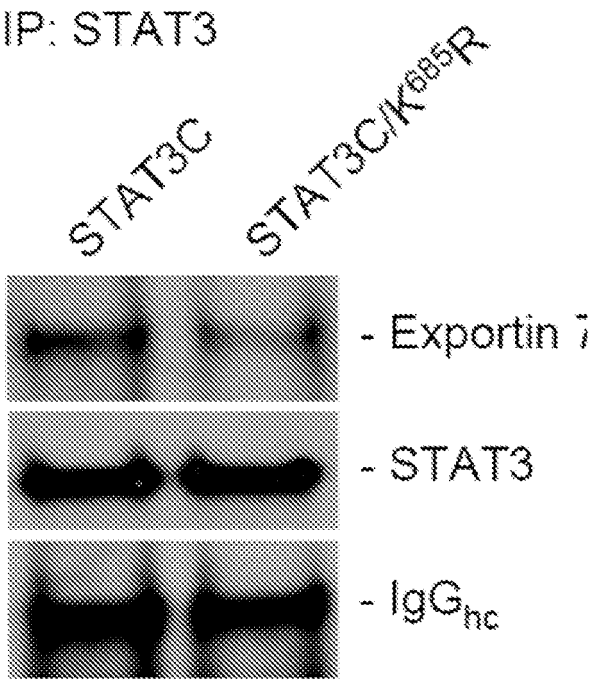


FIG. 2D

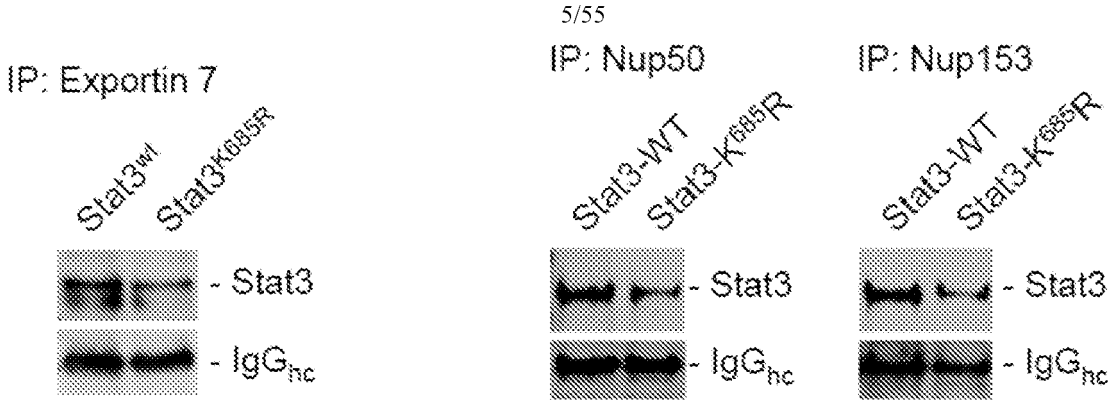


FIG. 2E

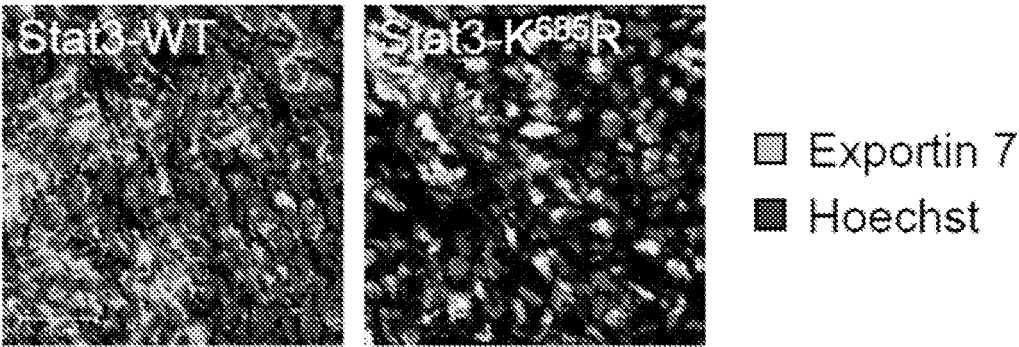


FIG. 2F

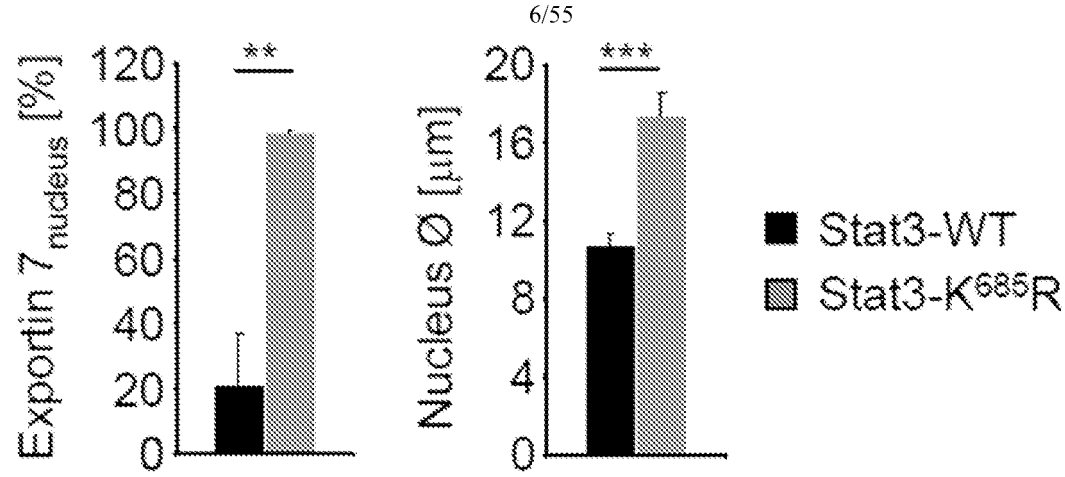


FIG. 2G

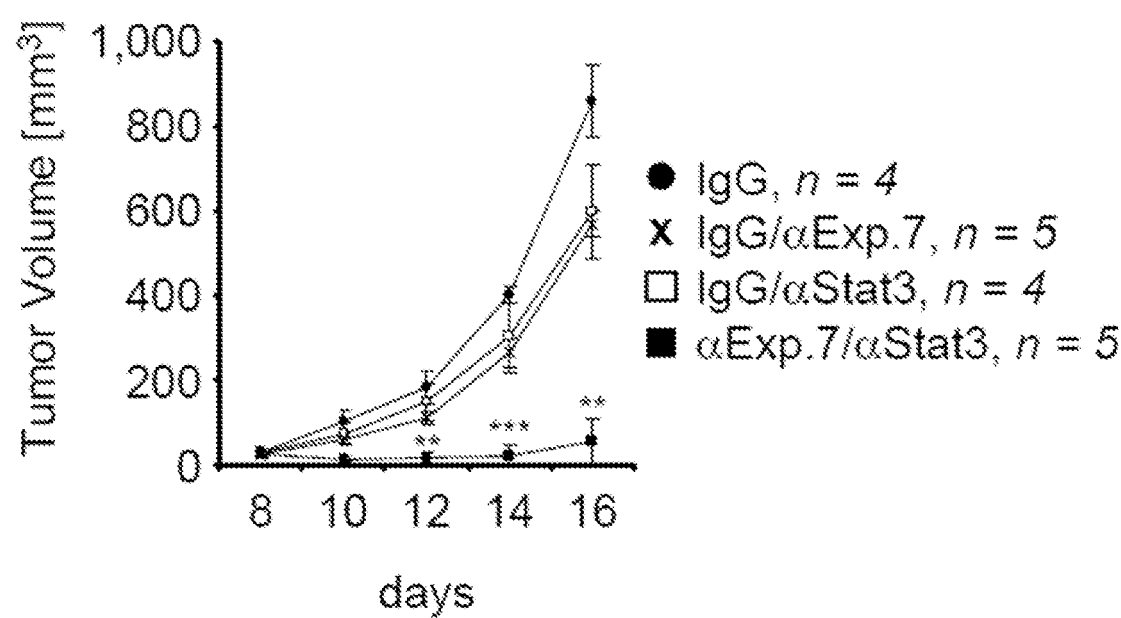


FIG. 3A

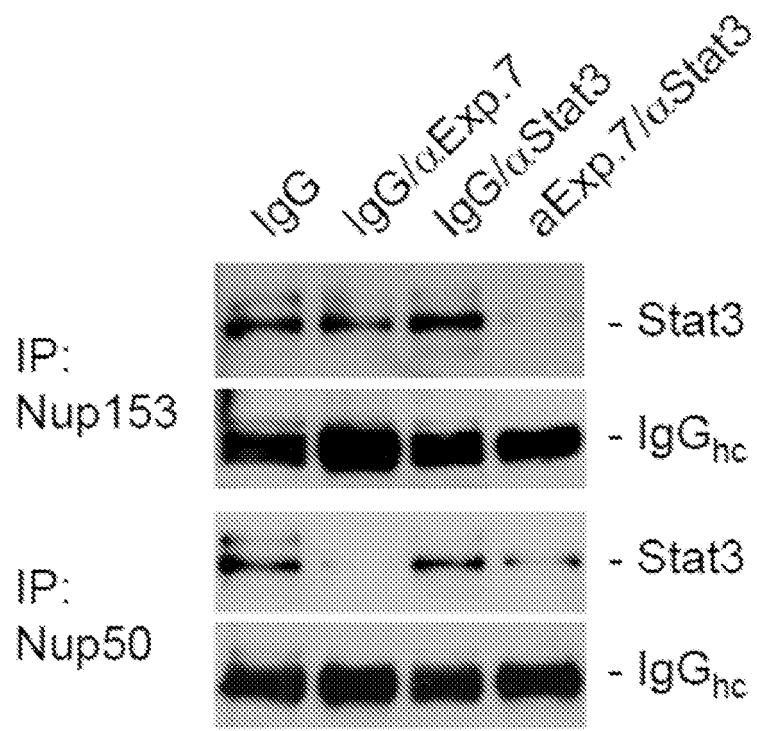


FIG. 3B

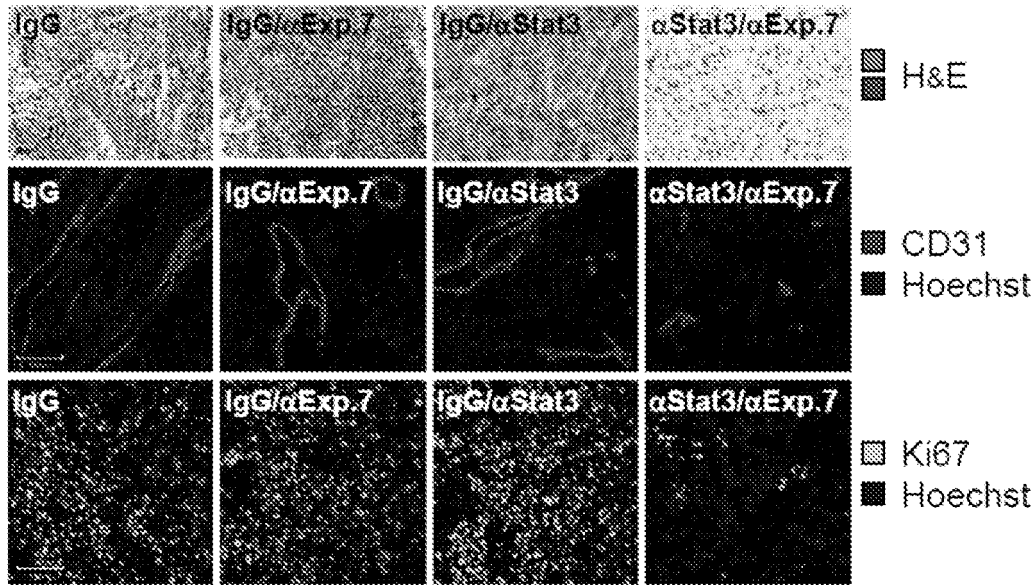


FIG. 3C

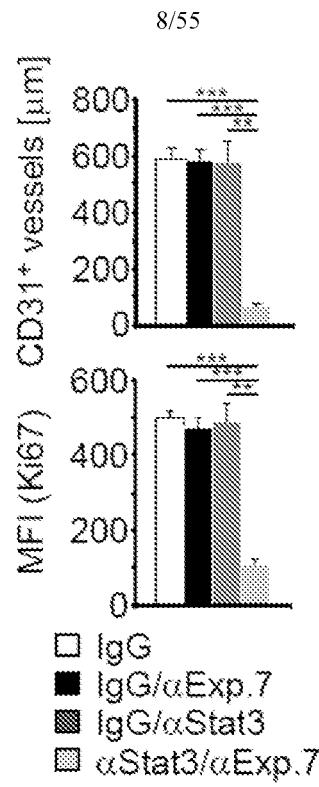


FIG. 3D

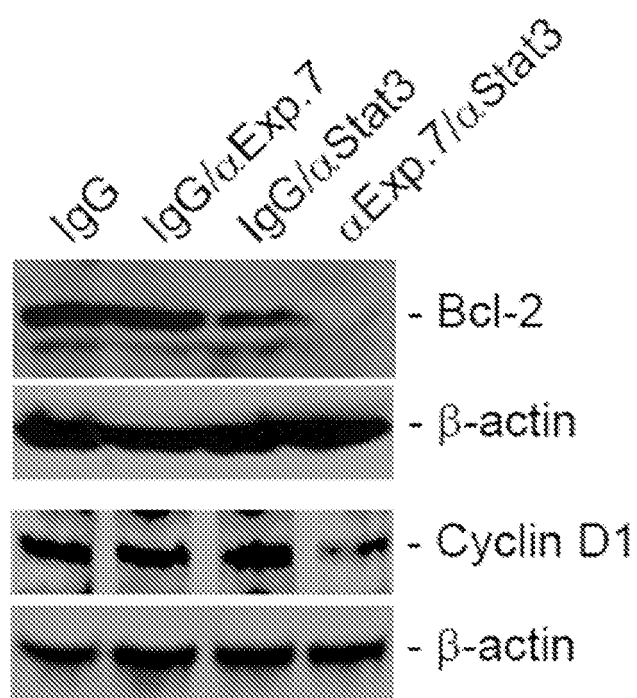


FIG. 3E

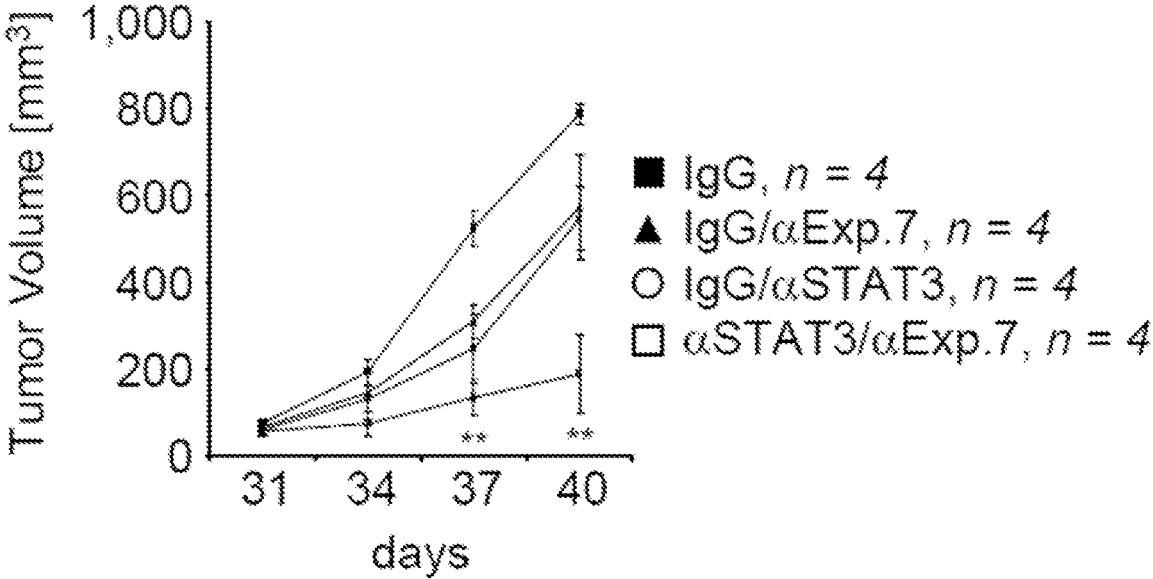


FIG. 3F

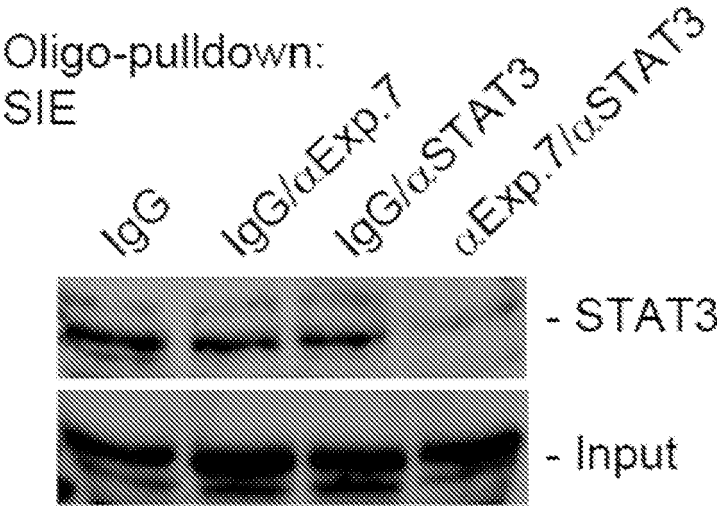


FIG. 3G

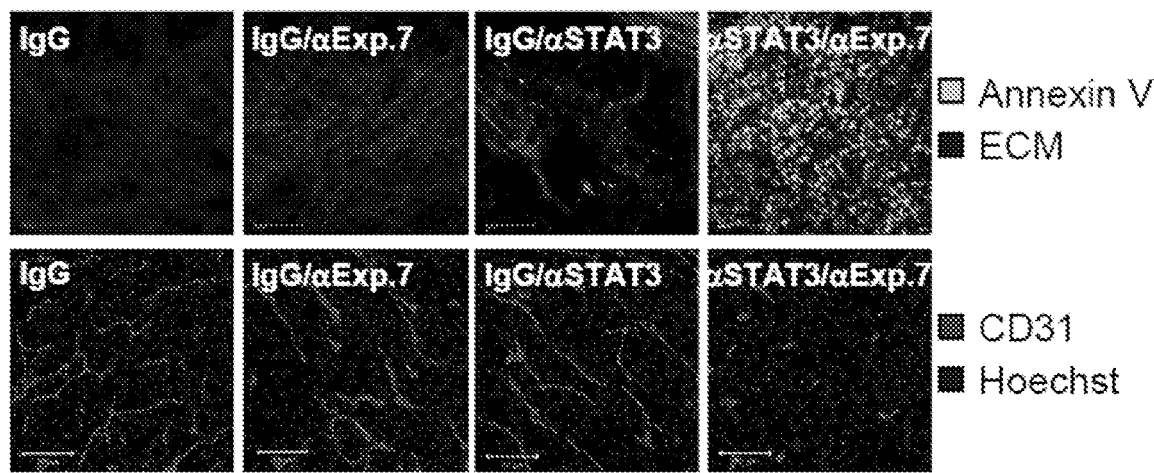


FIG. 3H

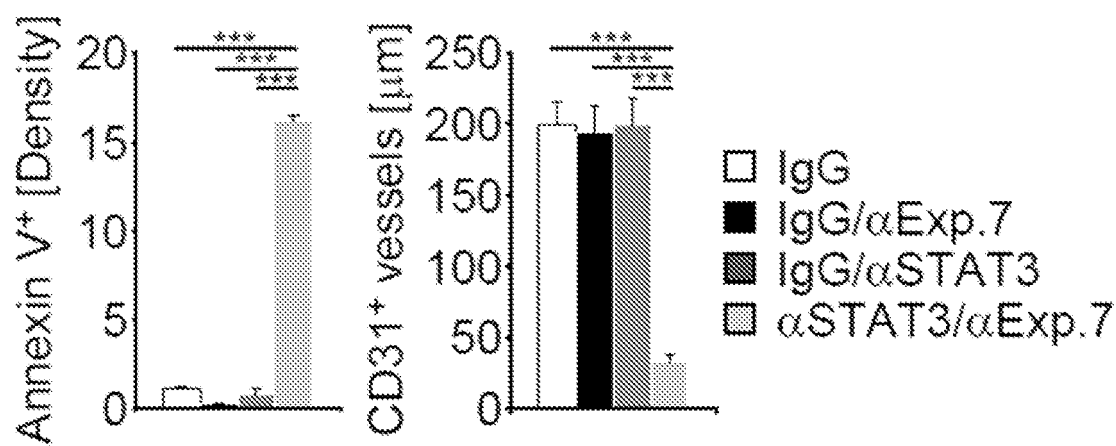


FIG. 3I

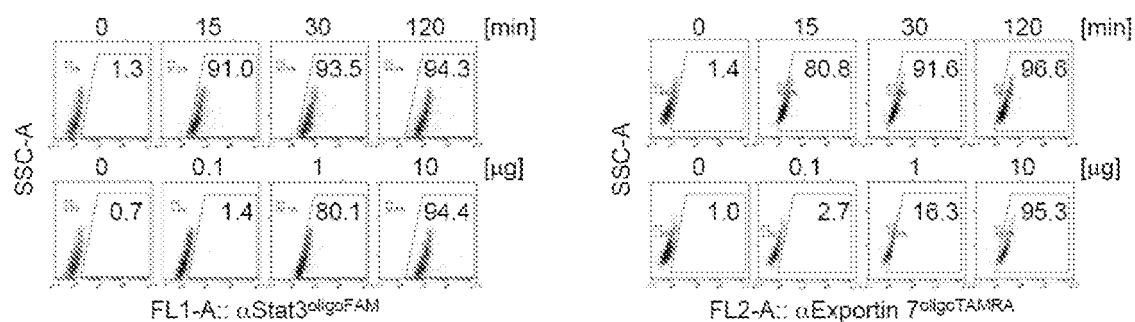


FIG. 4A

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FIG. 4B

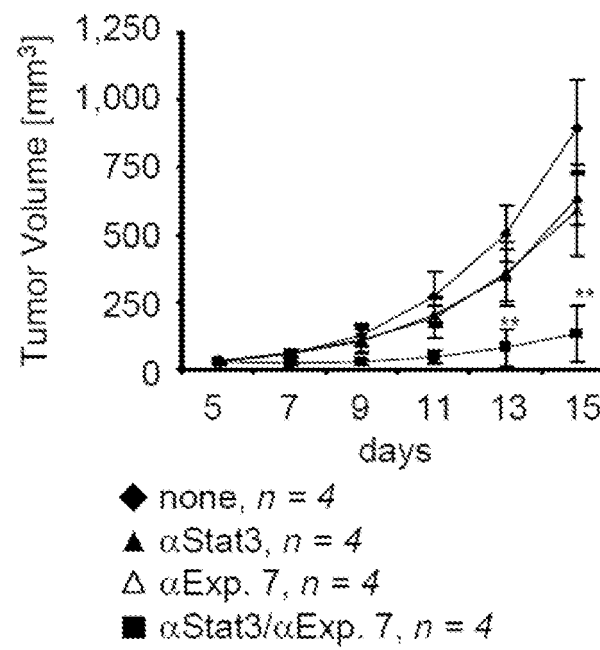


FIG. 4C

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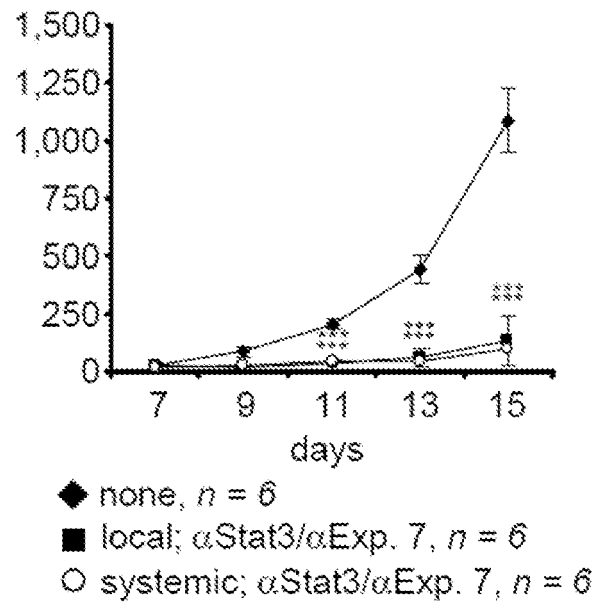


FIG. 4D

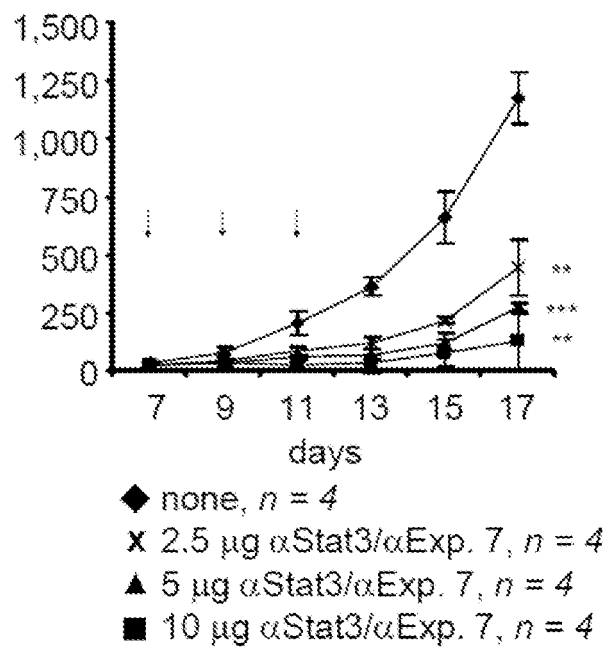


FIG. 4E

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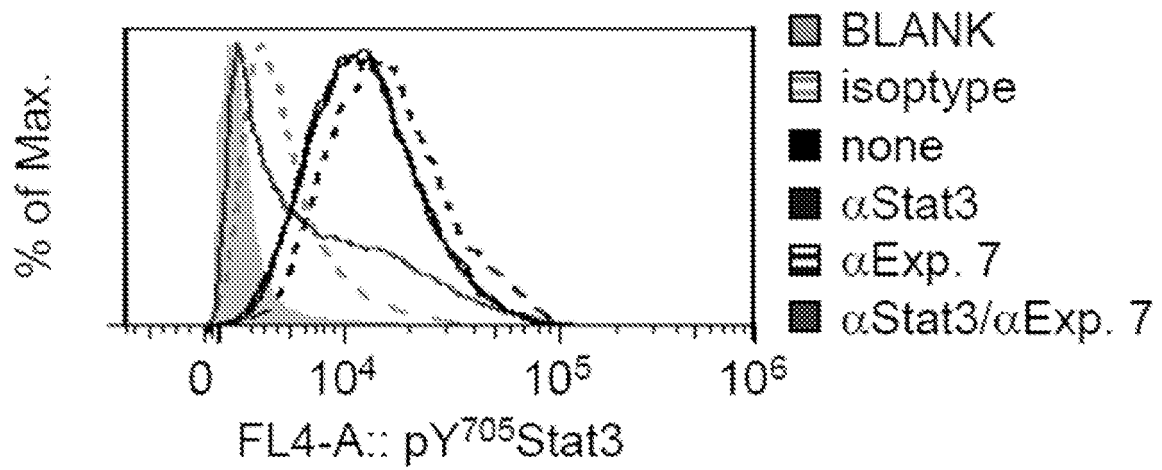


FIG. 4F

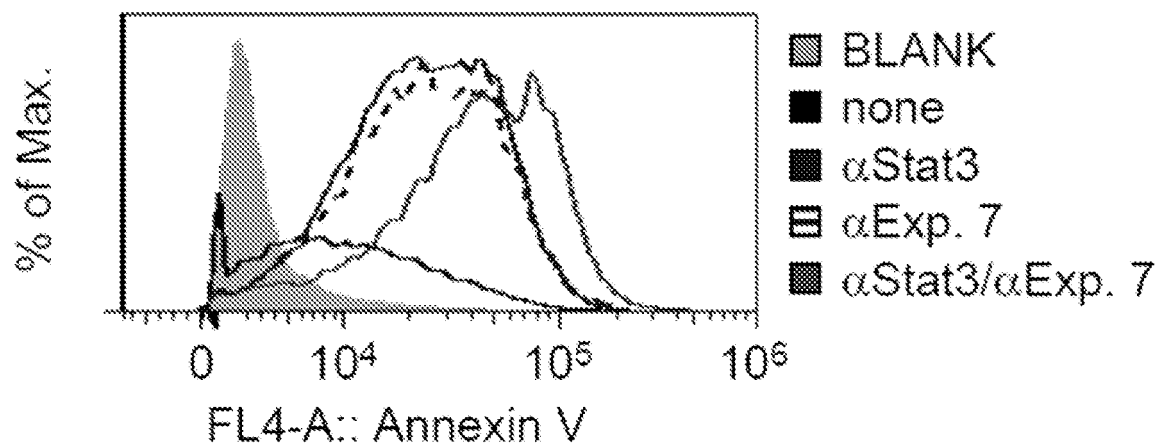


FIG. 4G

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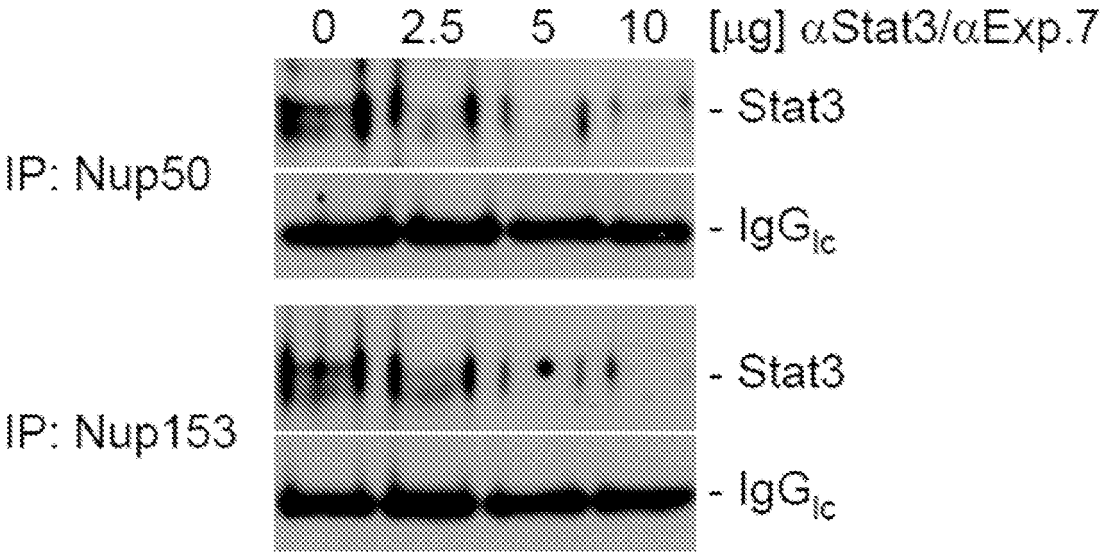


FIG. 4H

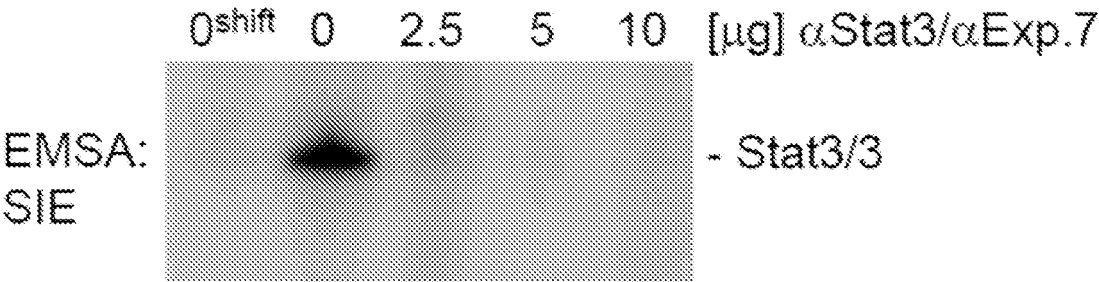


FIG. 4I

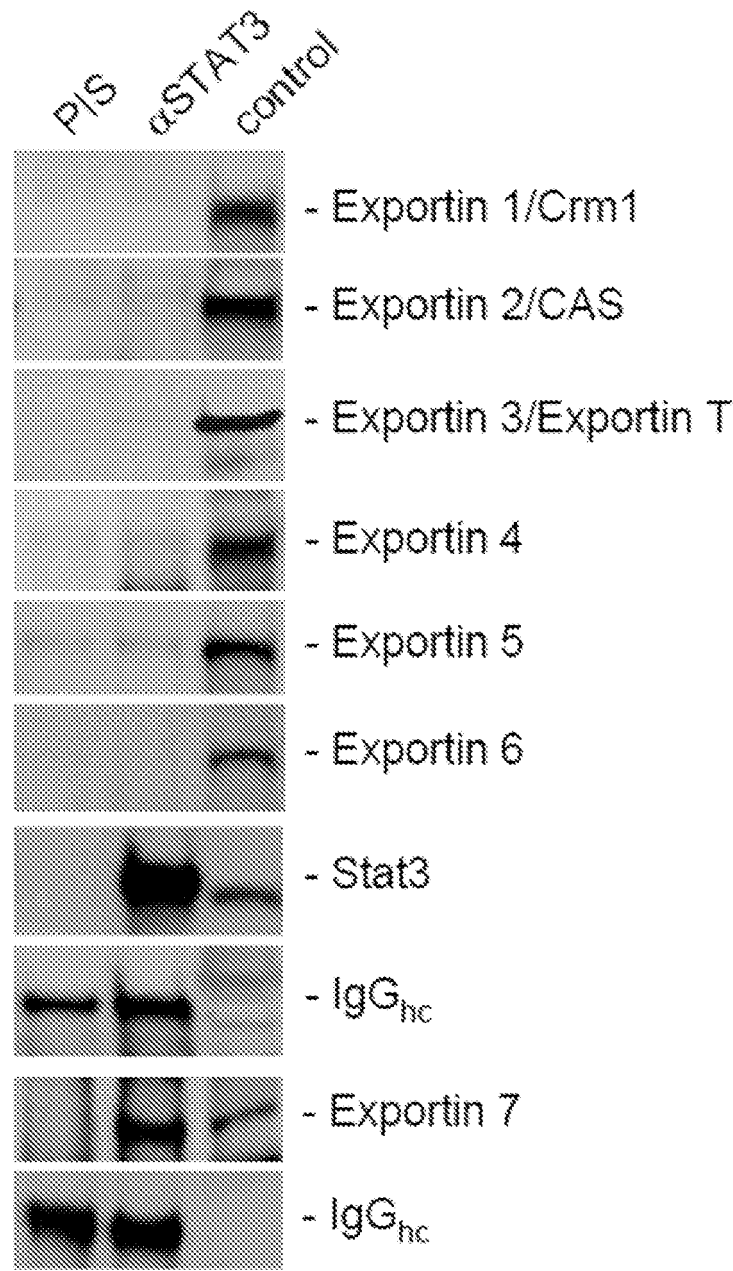


FIG. 5A

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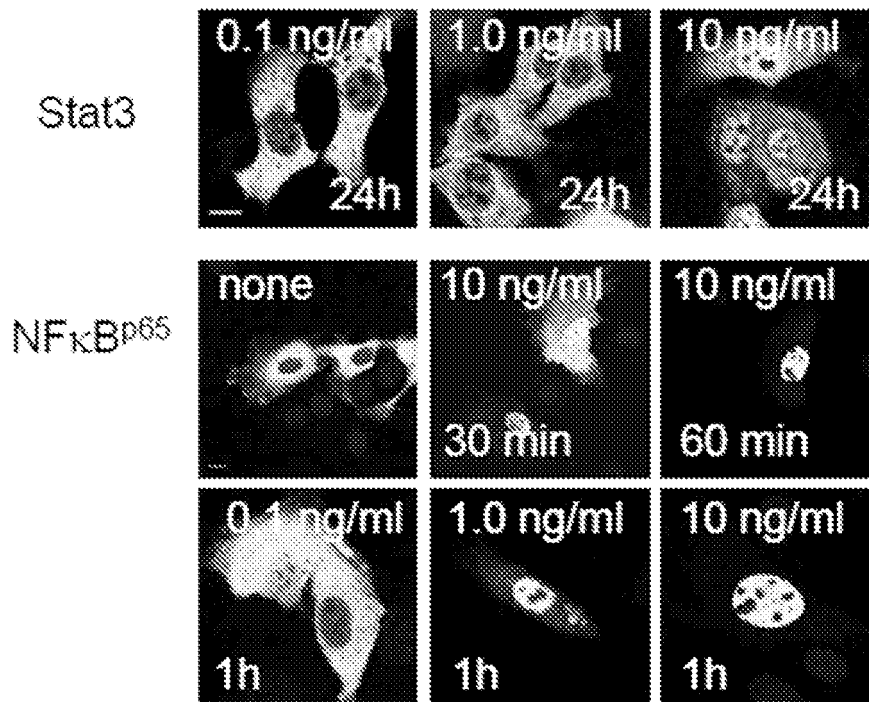


FIG. 5B

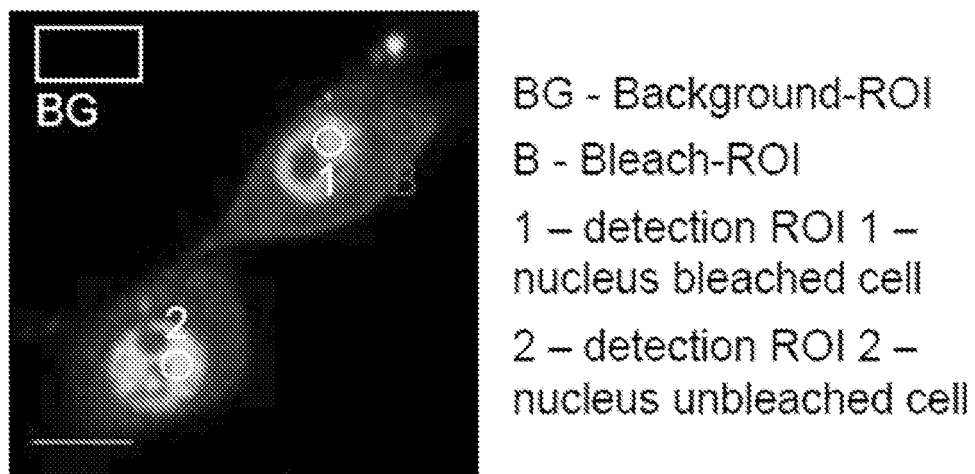


FIG. 6A

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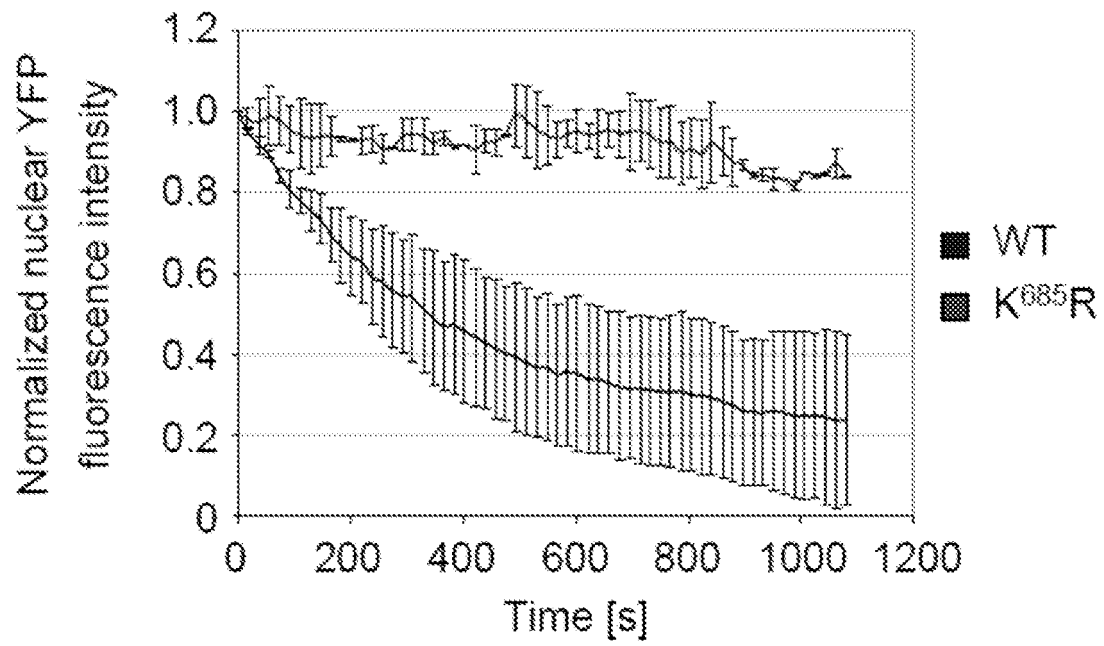


FIG. 6B

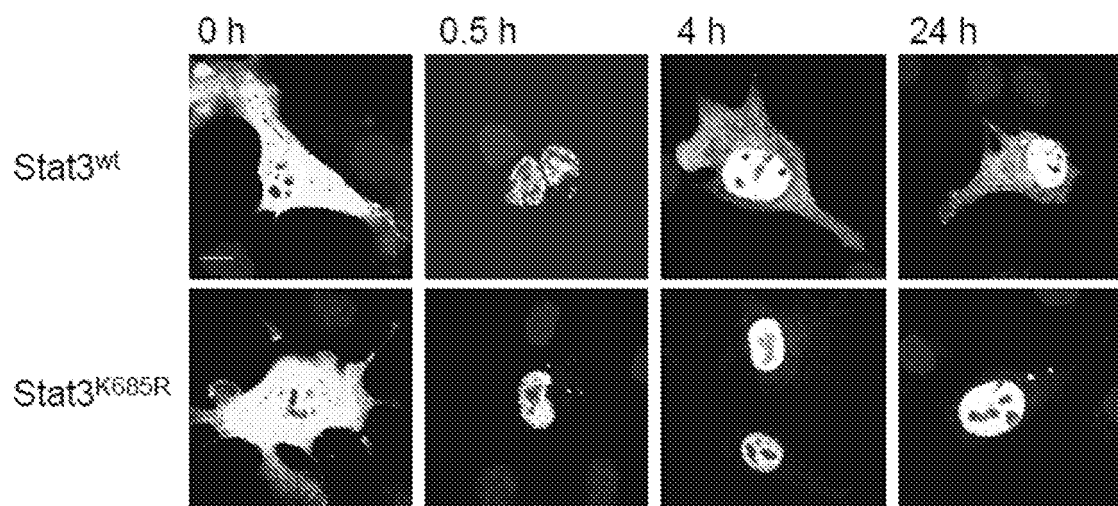


FIG. 7A

FPP assay

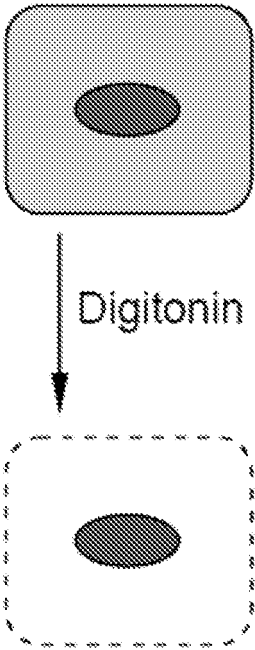


FIG. 7B

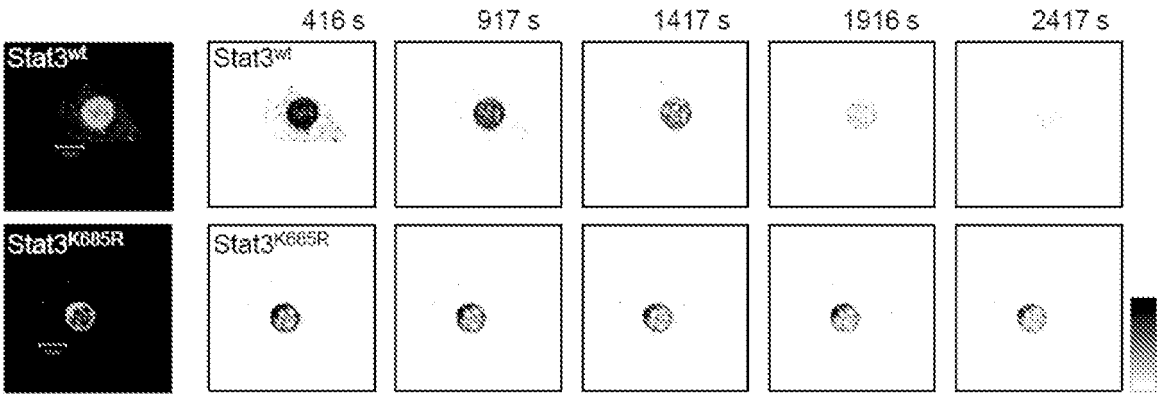


FIG. 7C

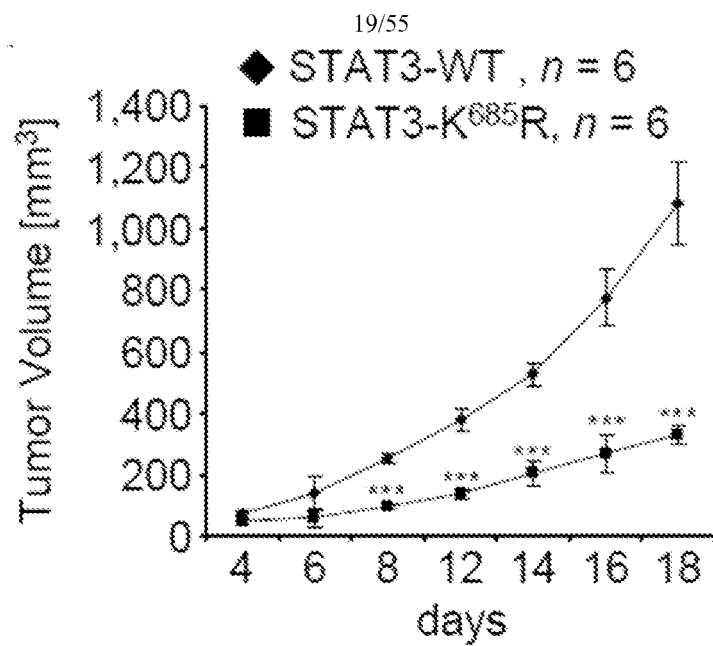


FIG. 8A

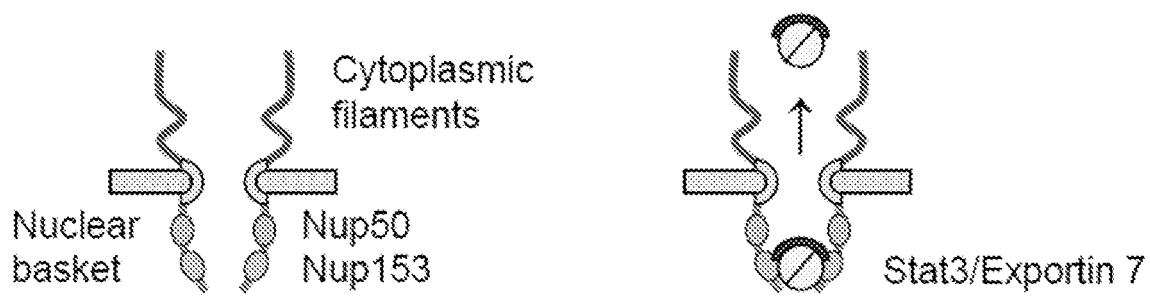


FIG. 8B

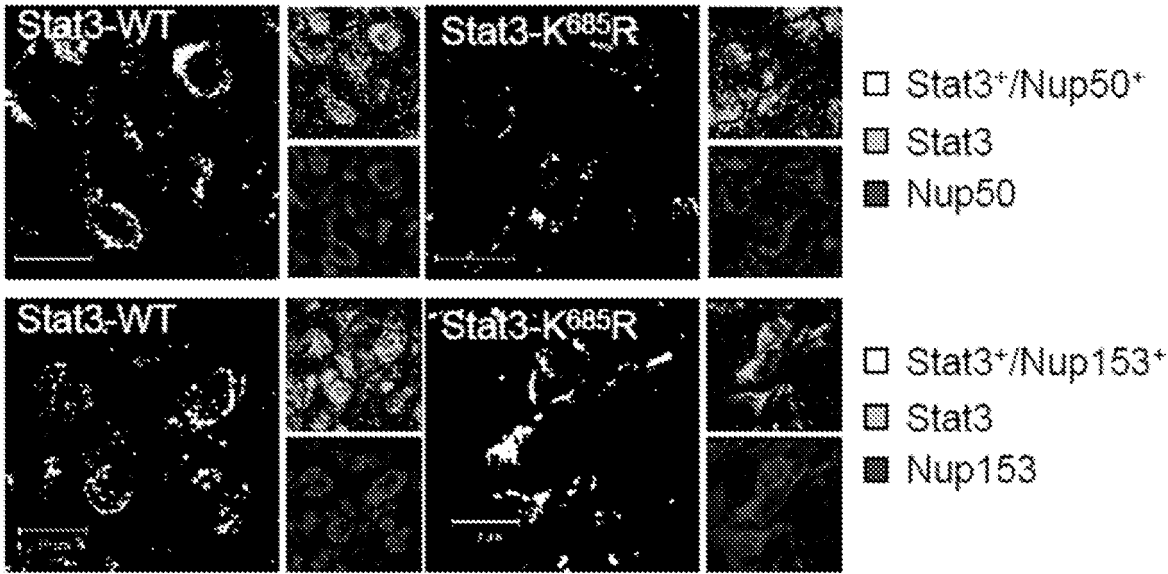


FIG. 8C

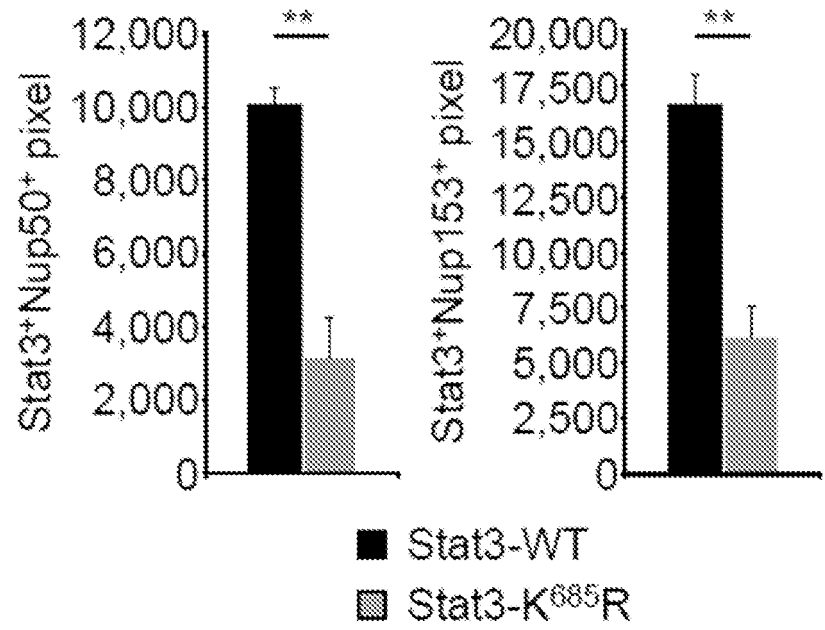


FIG. 8D

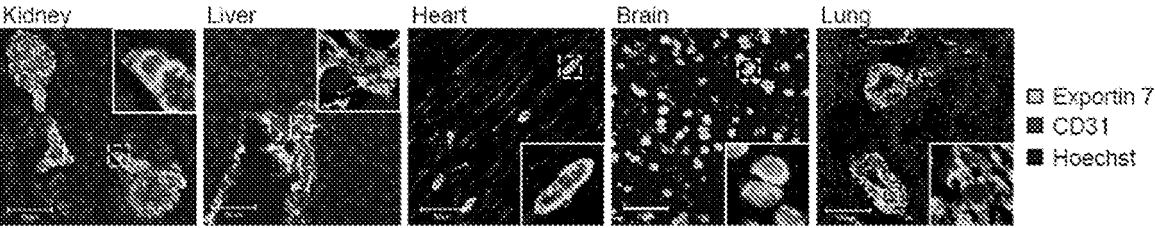


FIG. 9

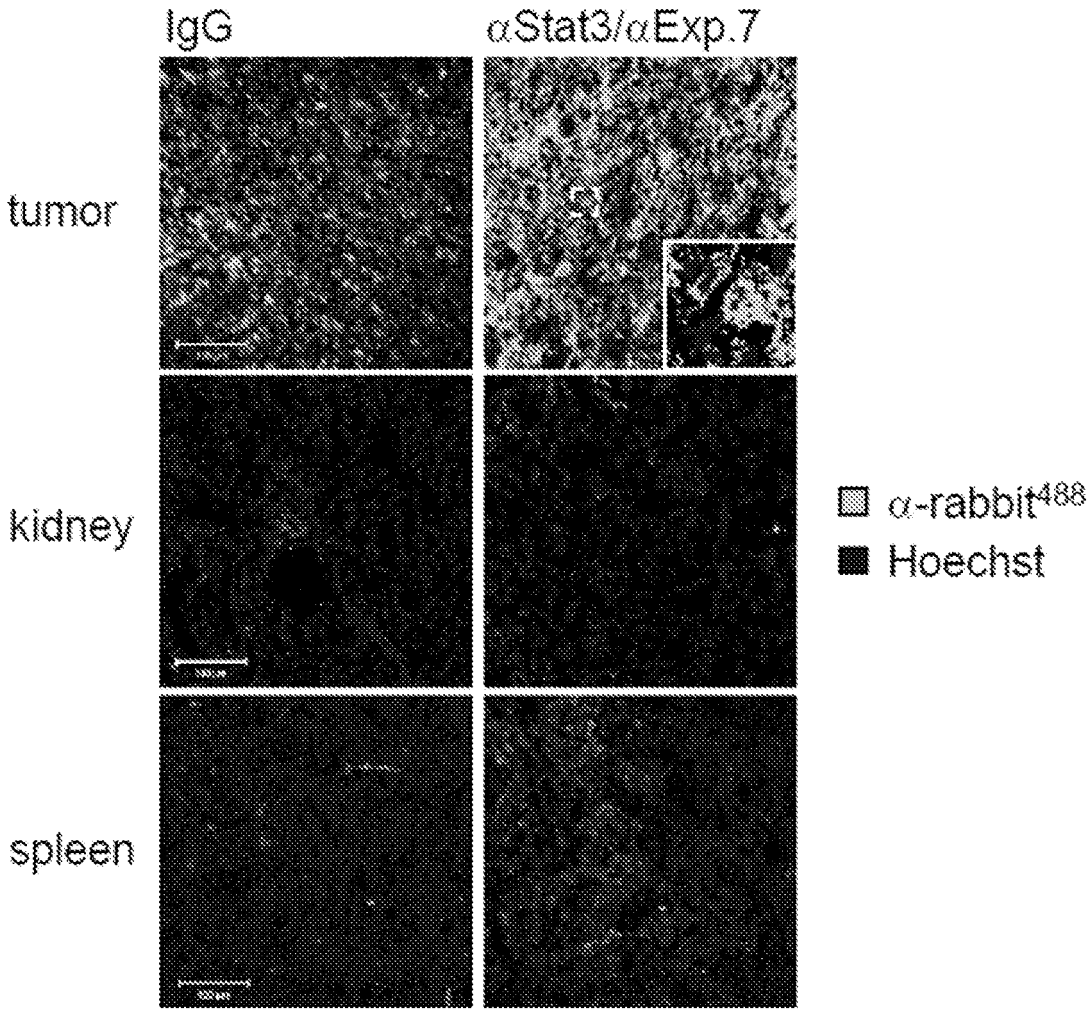


FIG. 10A

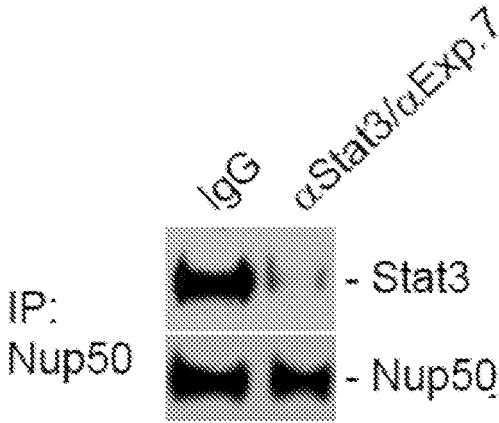


FIG. 10B

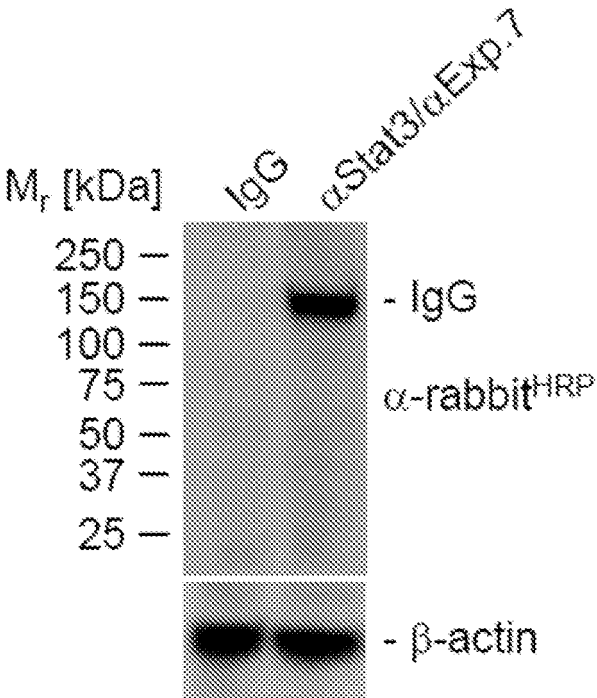


FIG. 10C

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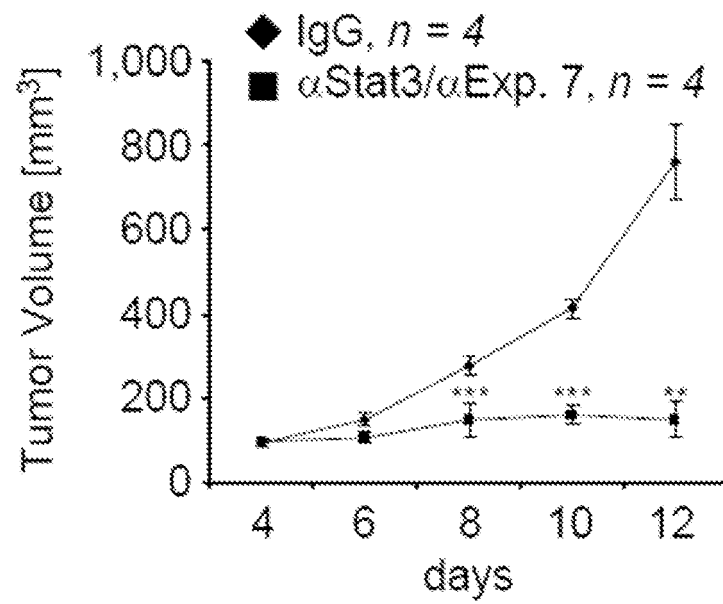


FIG. 11A

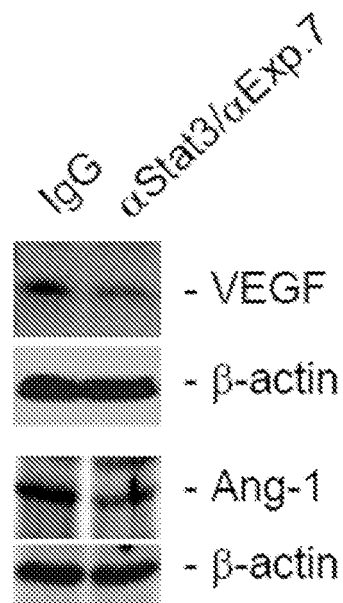


FIG. 11B

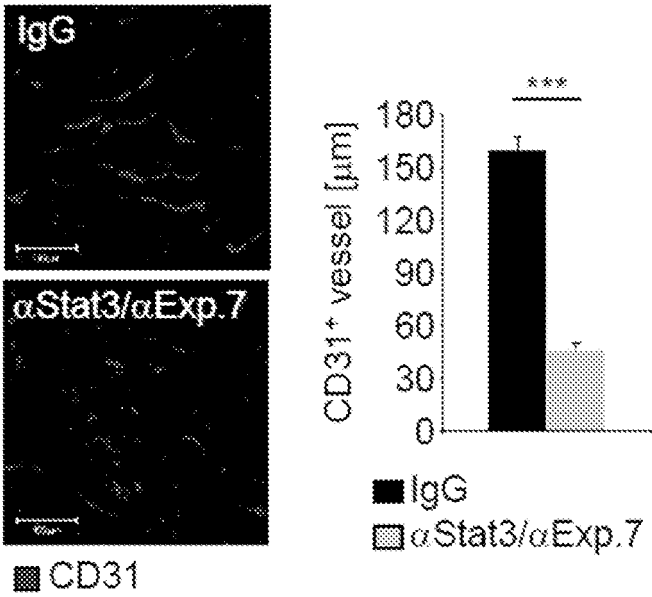


FIG. 11C

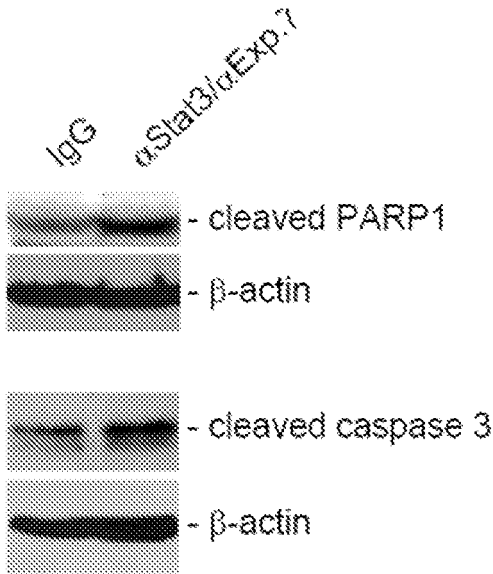


FIG. 11D



FIG. 12A

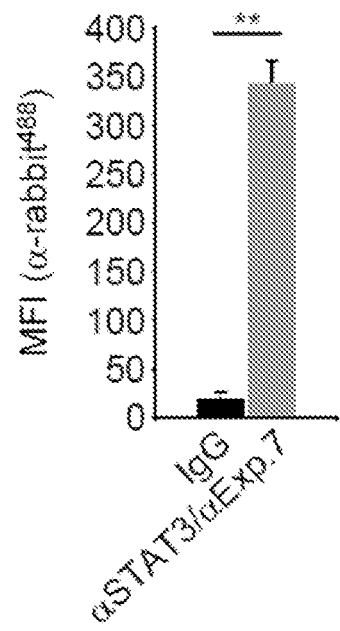


FIG. 12B

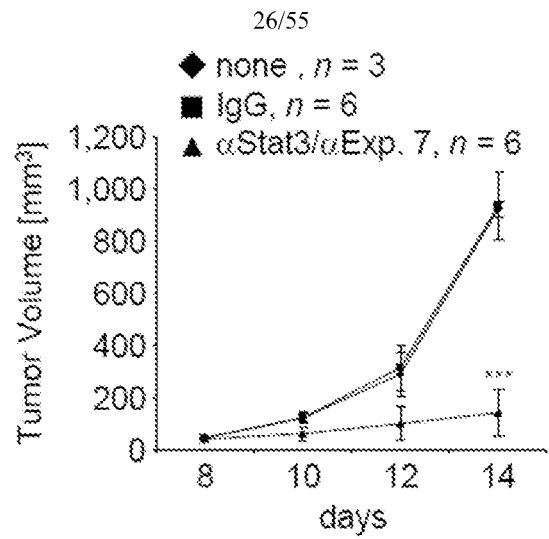


FIG. 12C

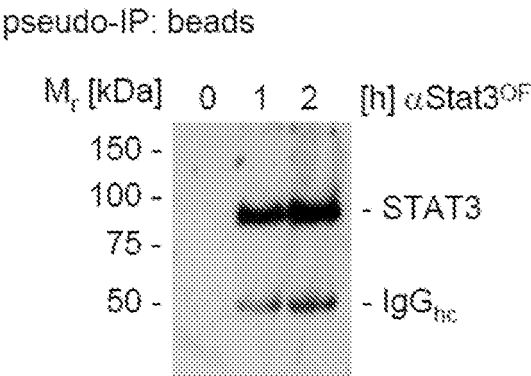


FIG. 13A

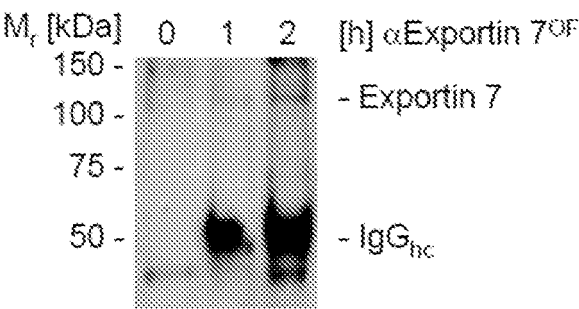


FIG. 13B

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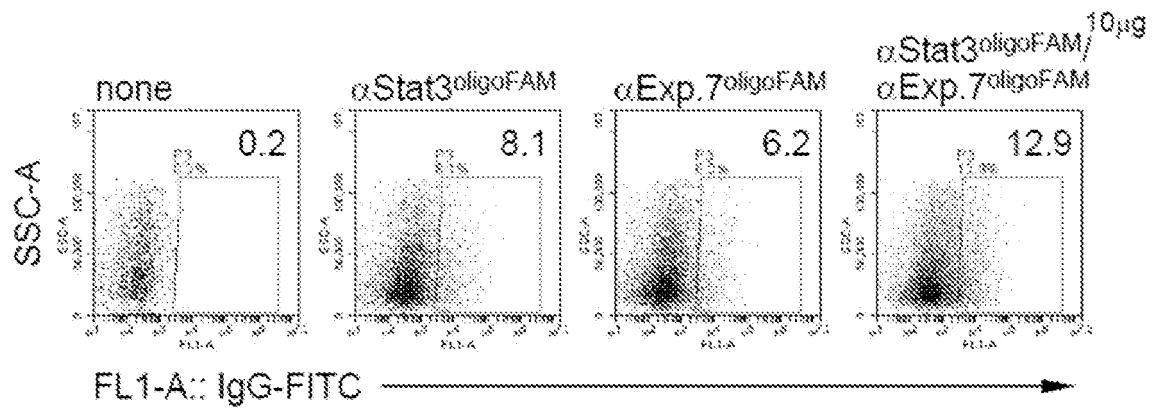


FIG. 14

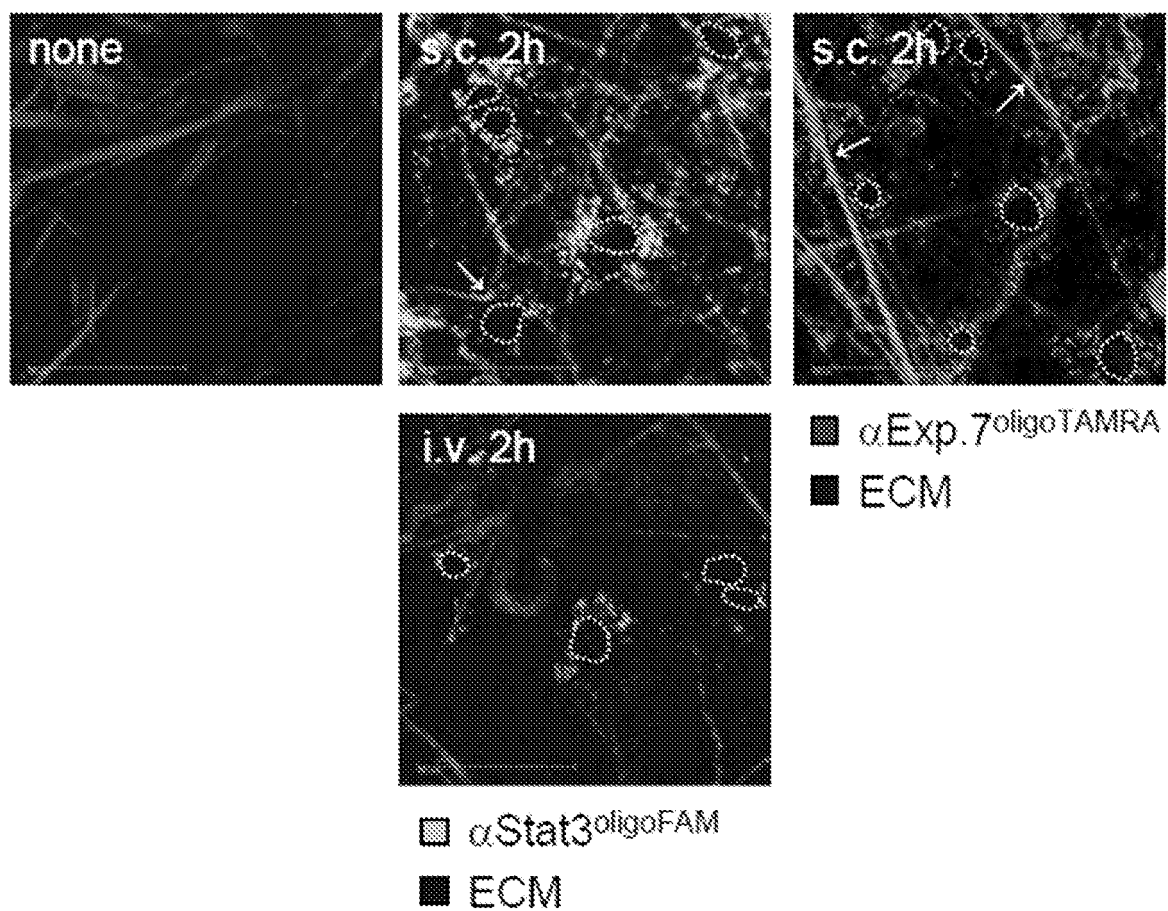


FIG. 15A

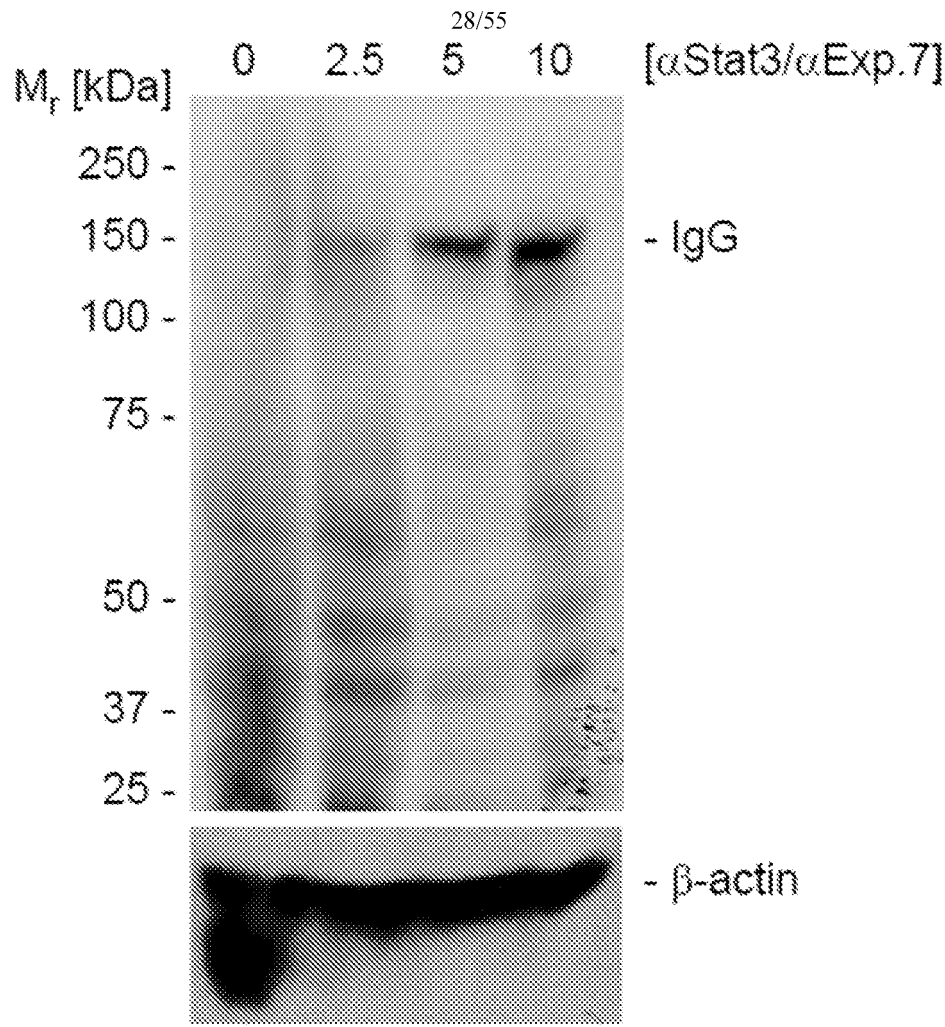


FIG. 15B

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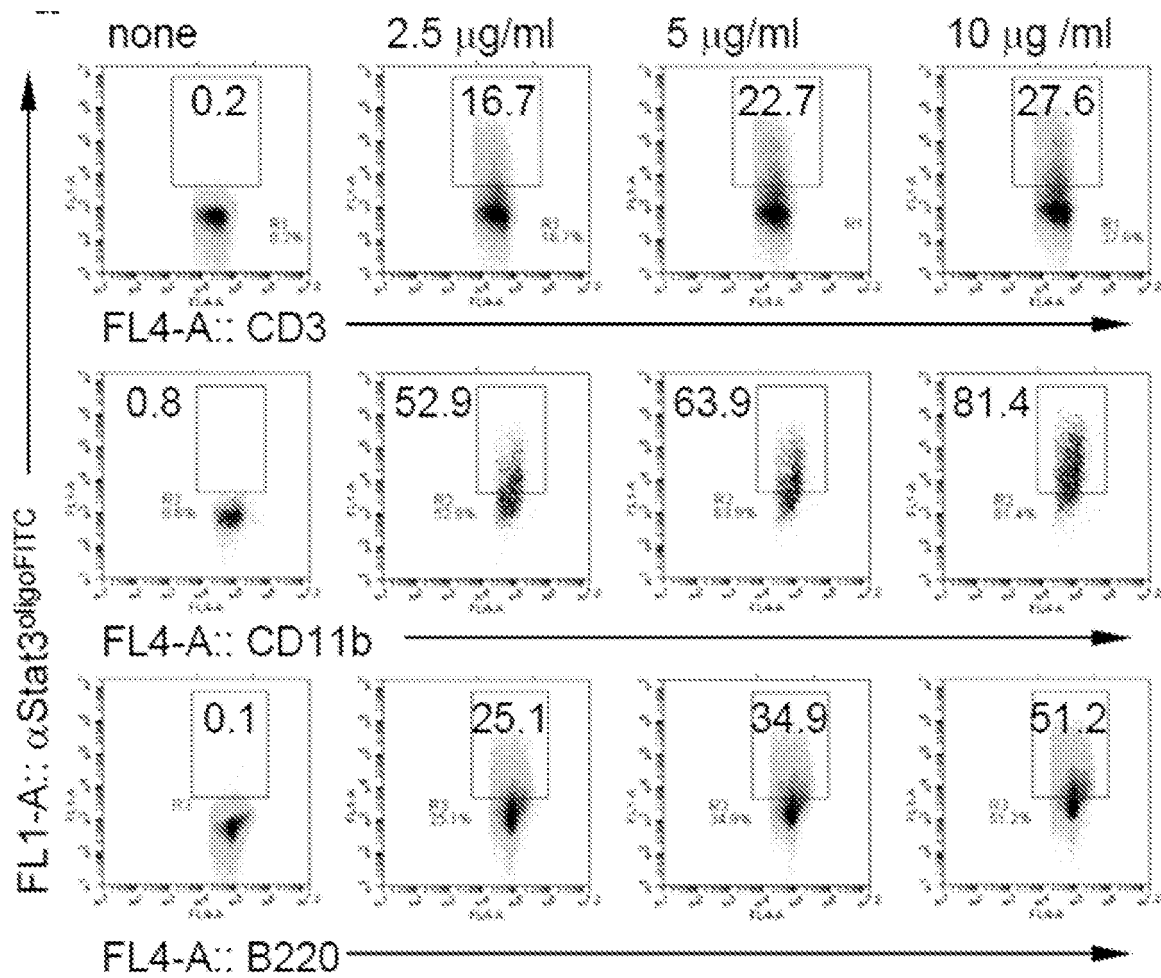


FIG. 16A

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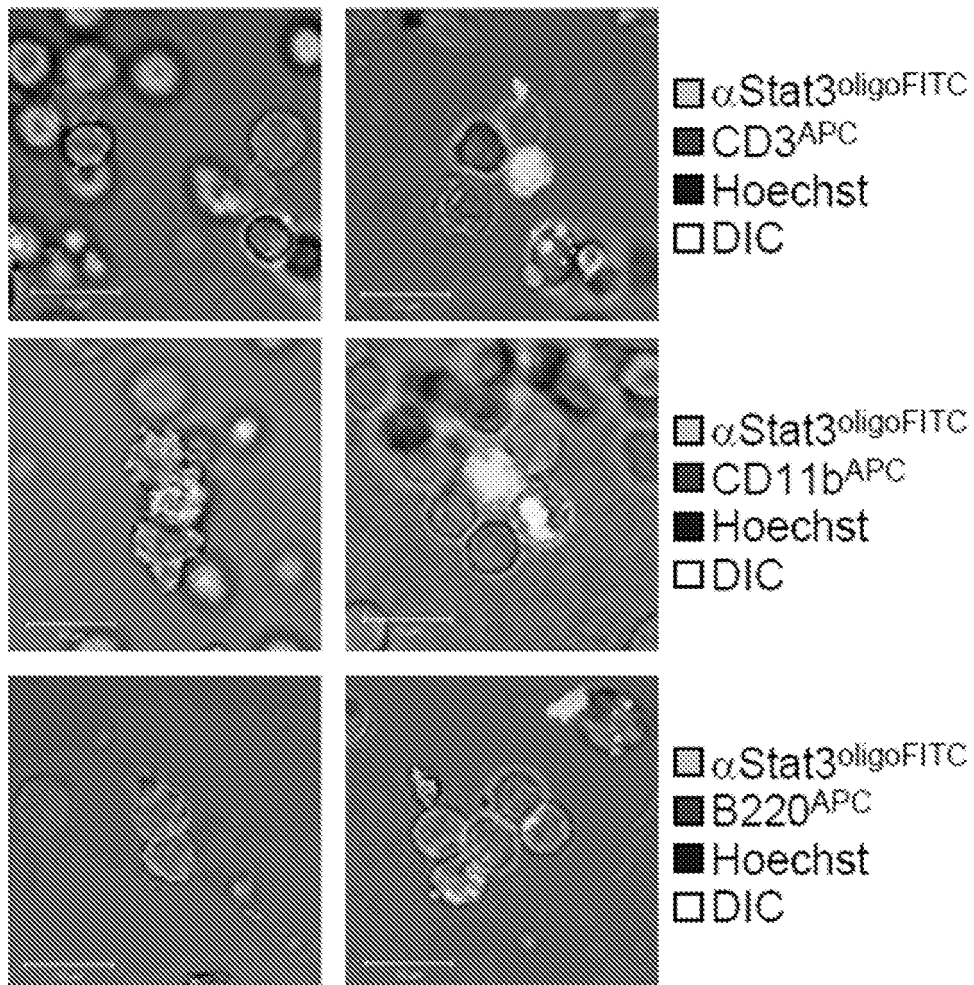


FIG. 16B

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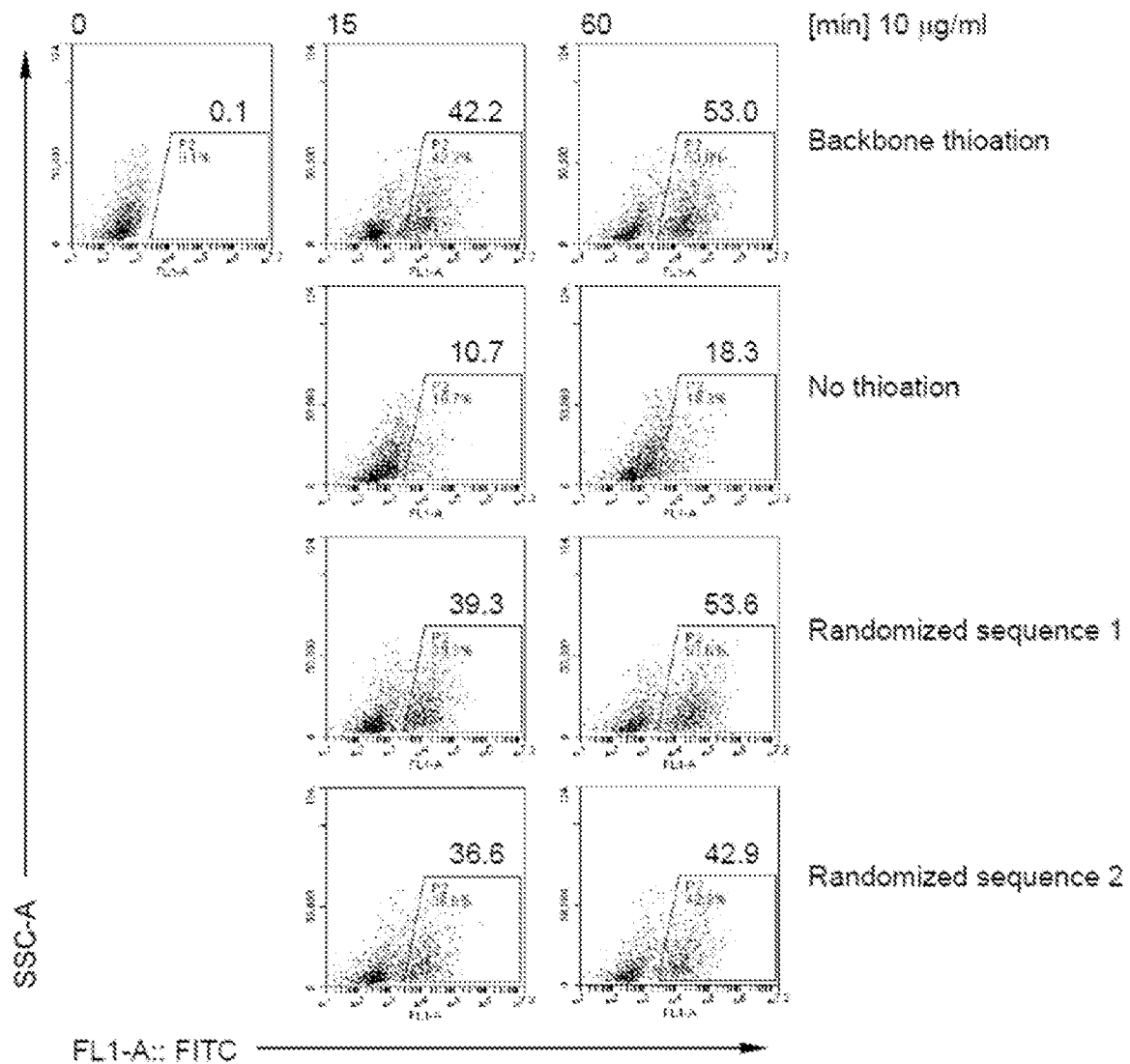


FIG. 17A

pseudo-IP: beads

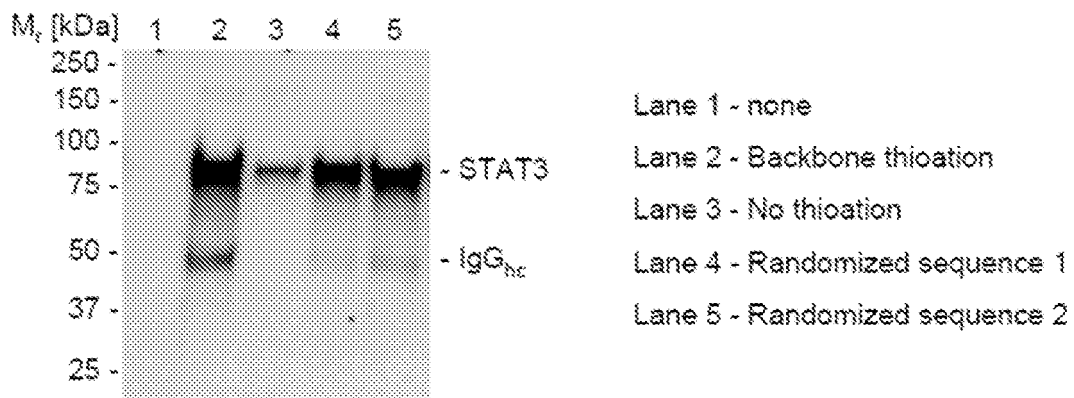


FIG. 17B

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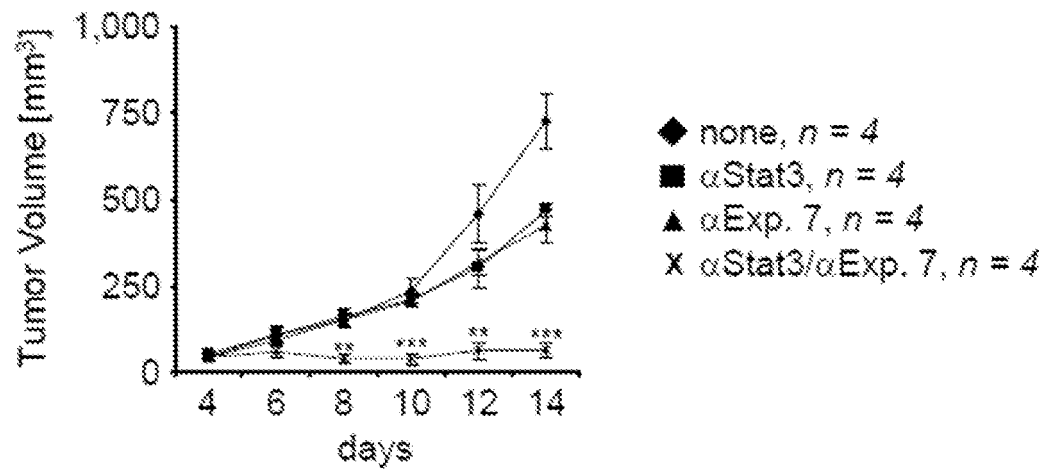


FIG. 18

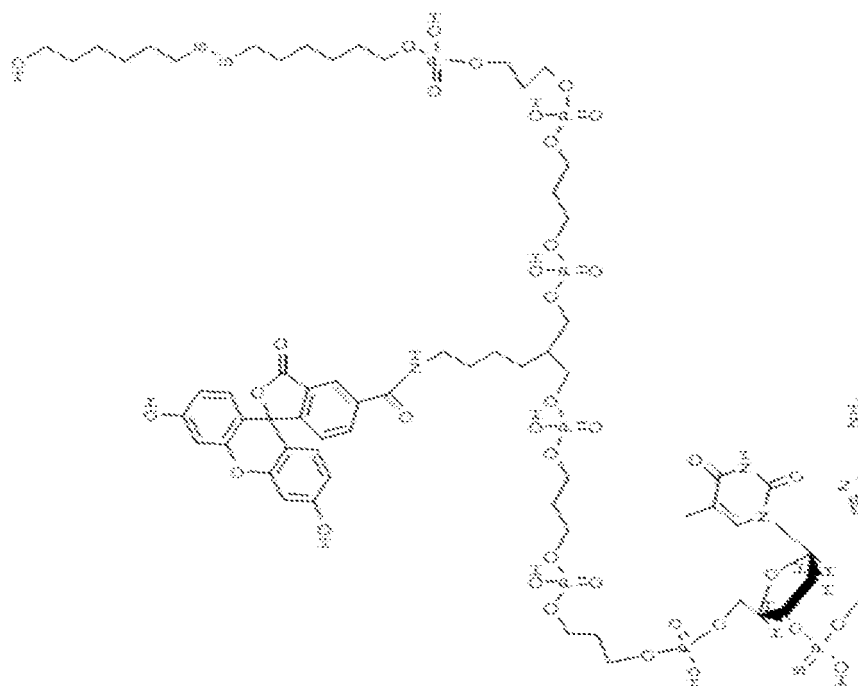


FIG. 19

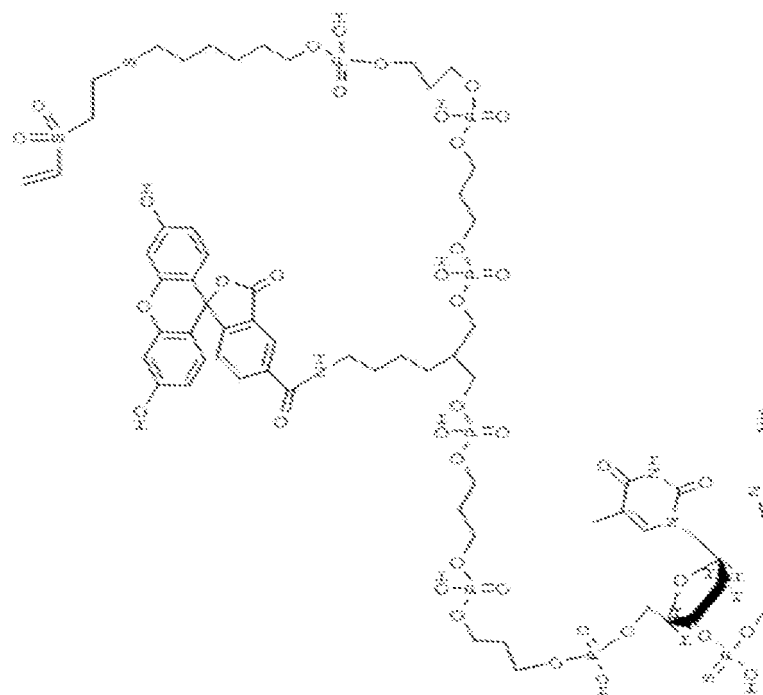


FIG. 20

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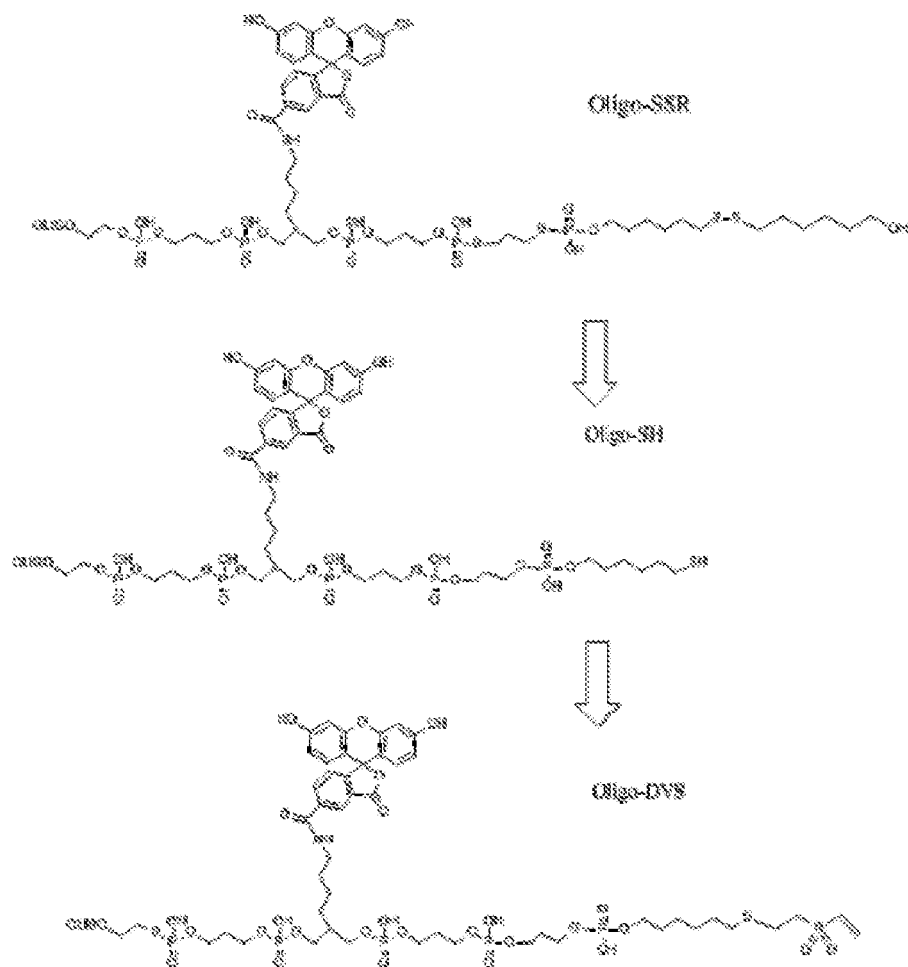


FIG. 21

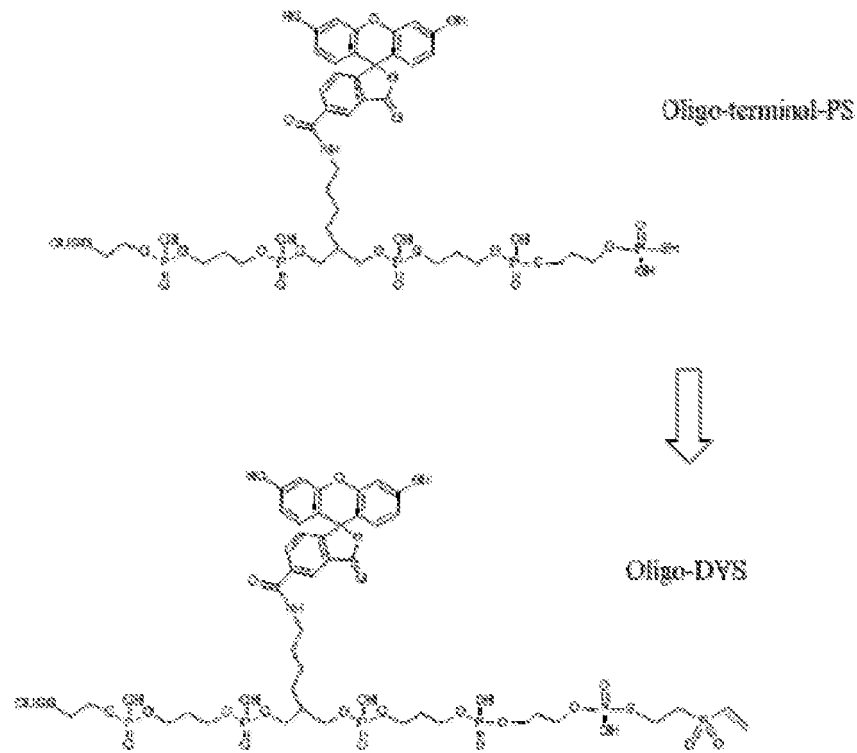


FIG. 22

alternative-IP: beads

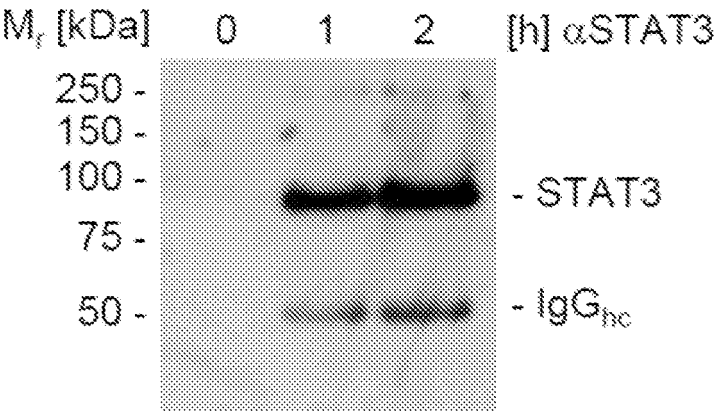


FIG. 23A

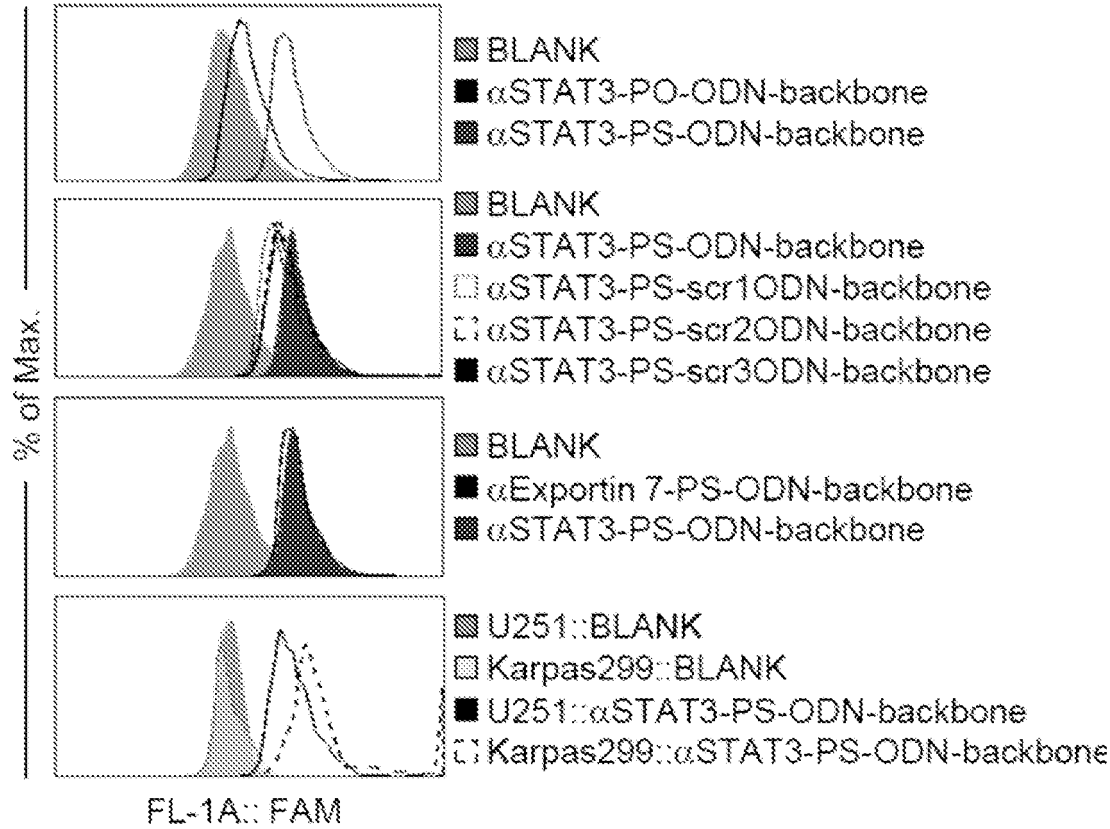


FIG. 23B

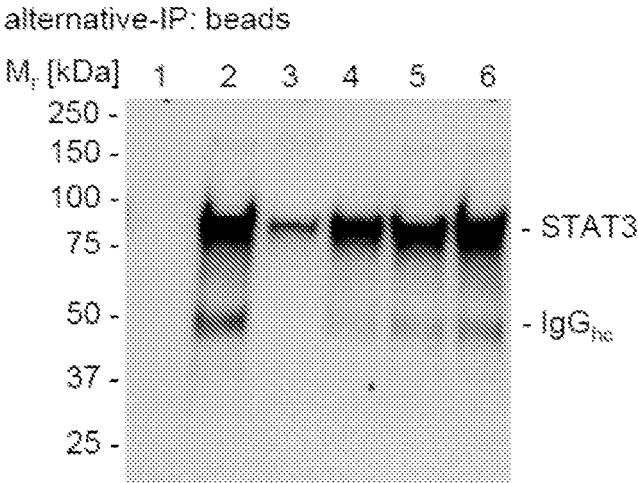


FIG. 23C

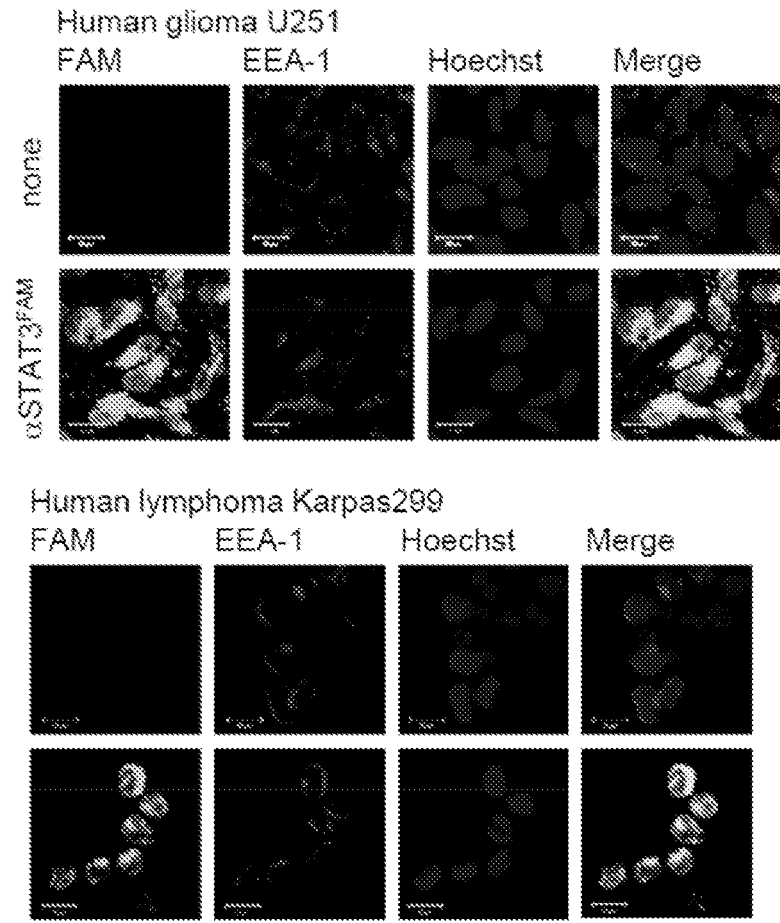


FIG. 23D

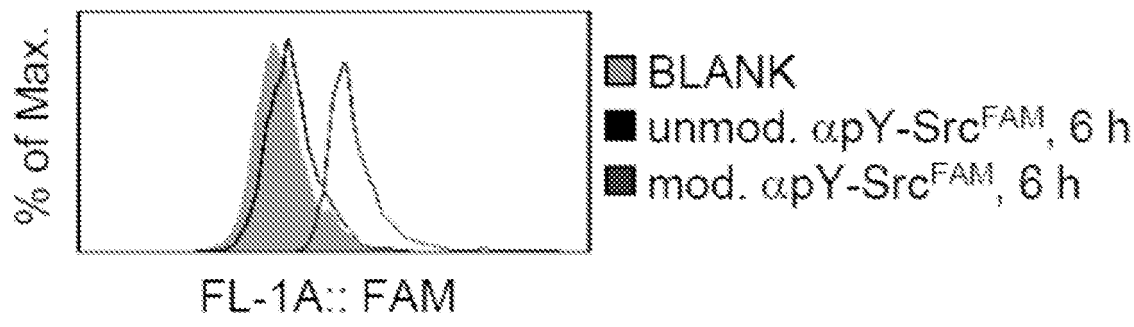


FIG. 23E

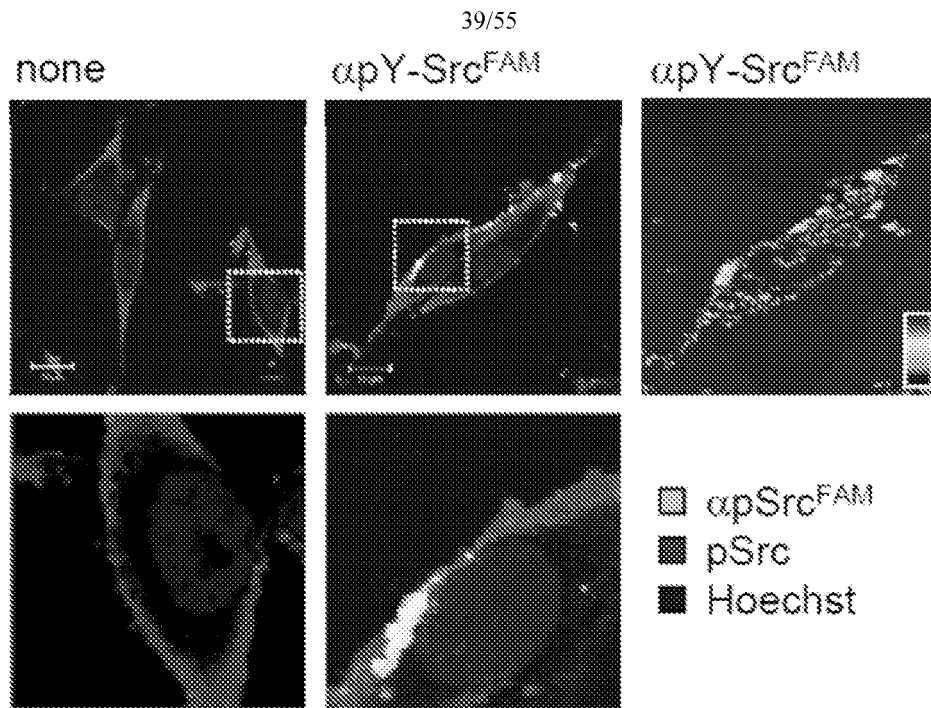


FIG. 23F

alternative-IP: beads

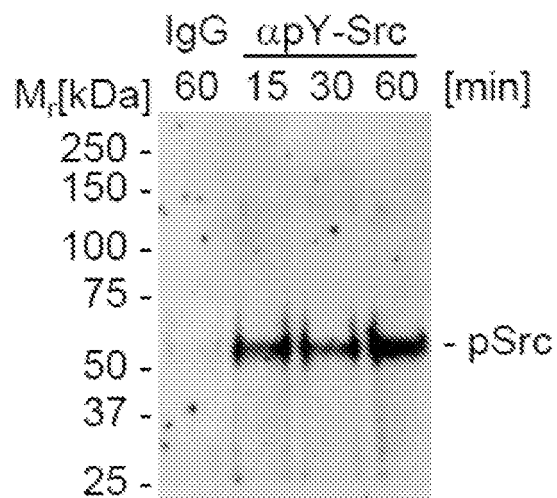


FIG. 23G

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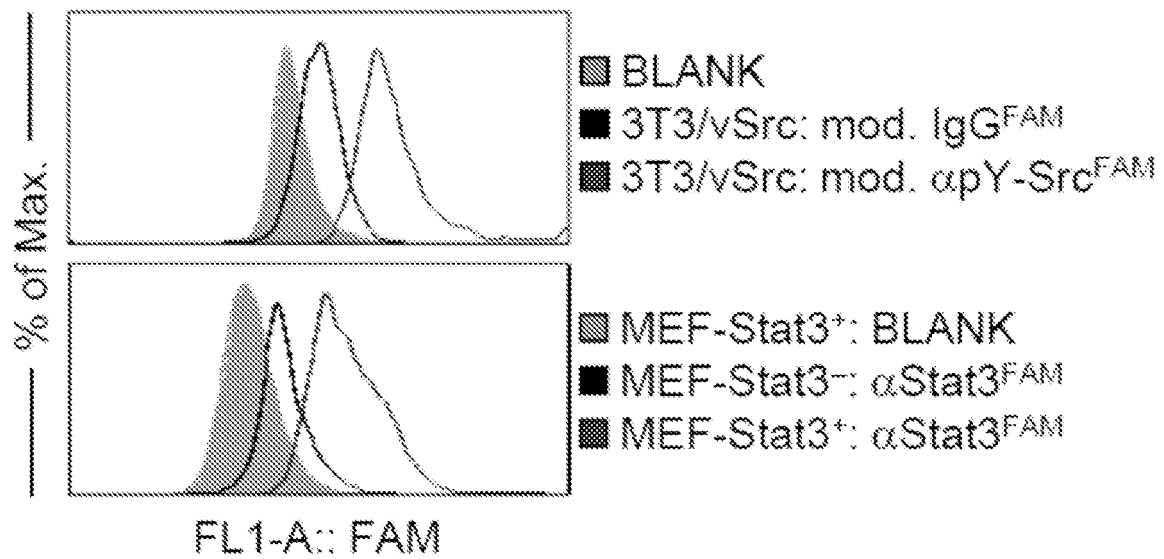


FIG. 24

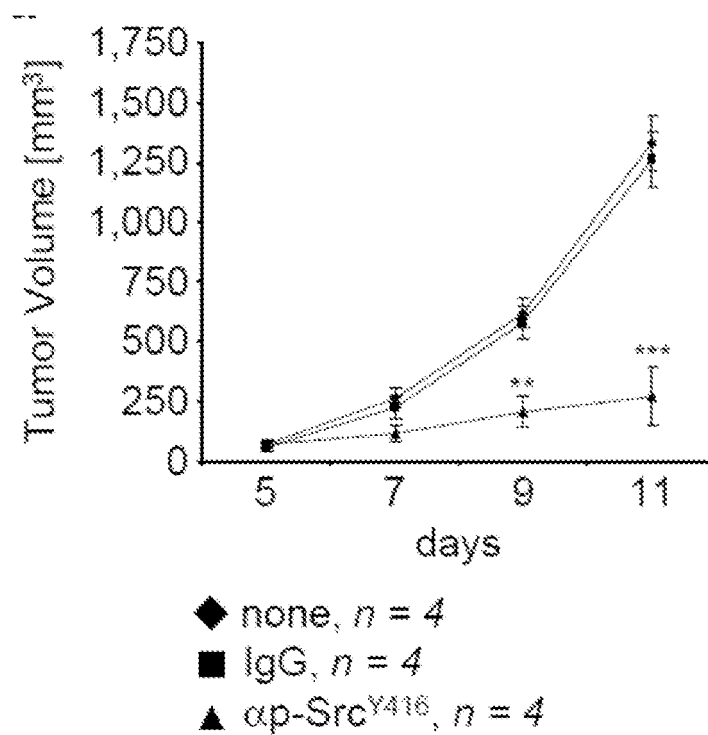


FIG. 25A

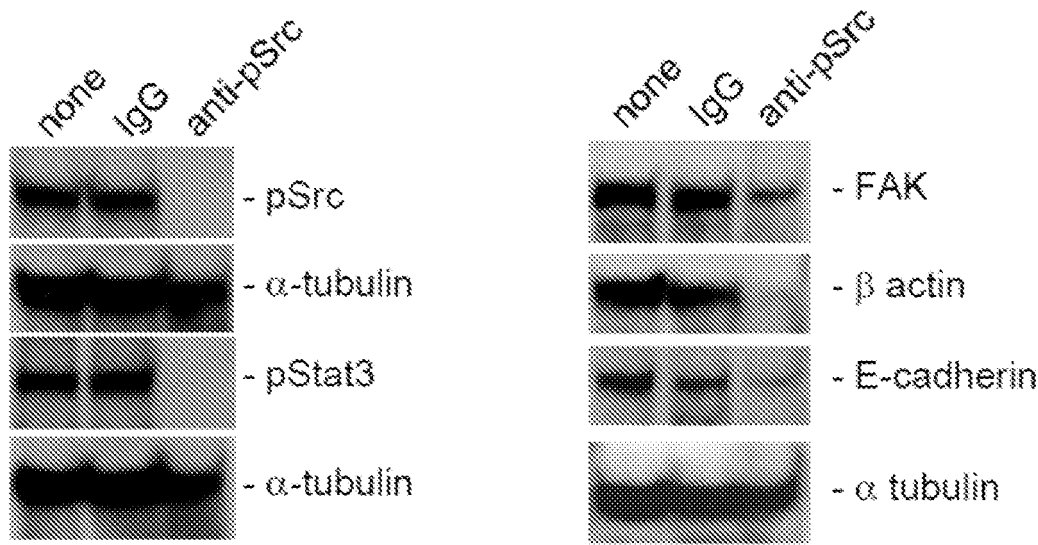


FIG. 25B

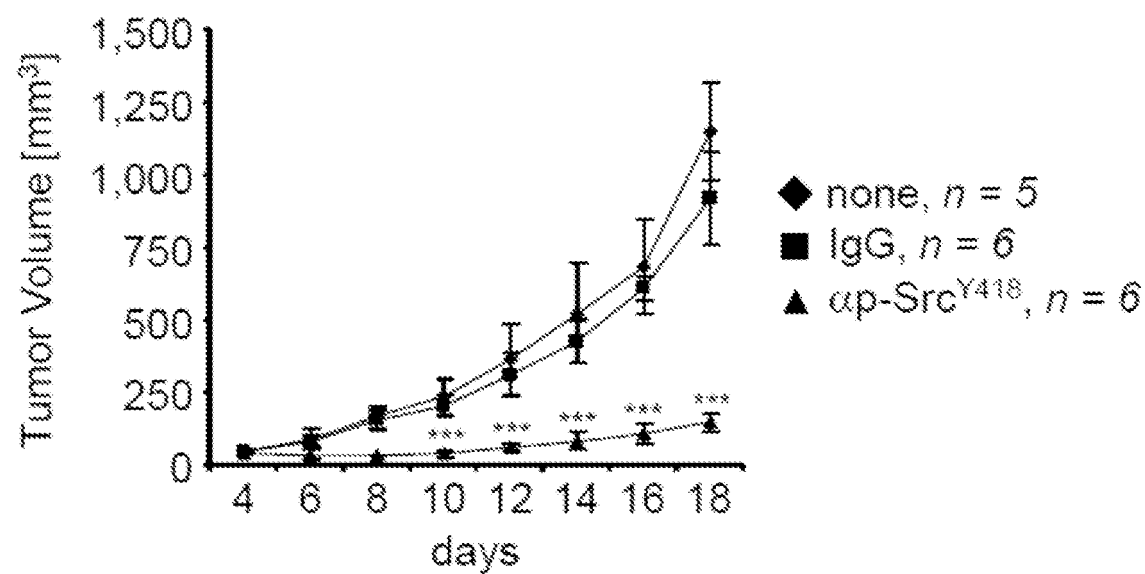


FIG. 25C

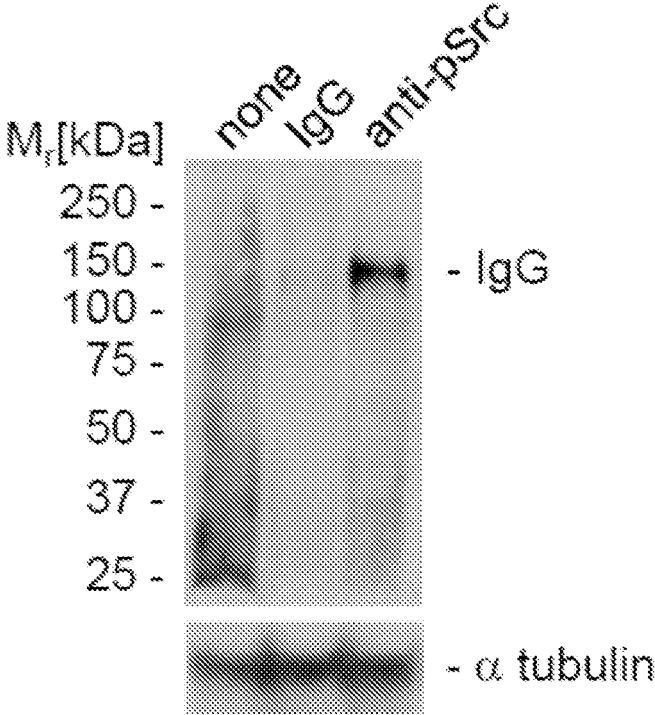


FIG. 25D

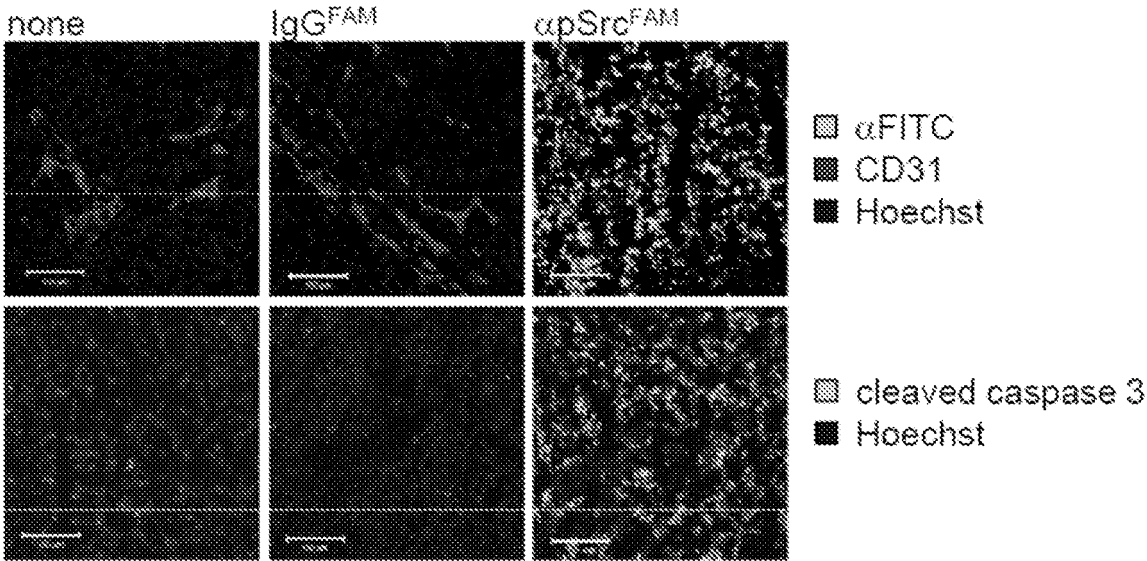


FIG. 25E

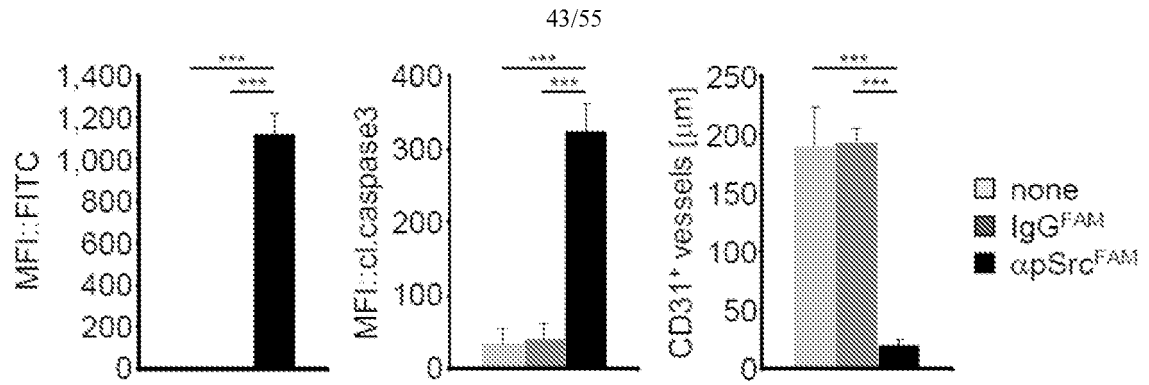


FIG. 25F

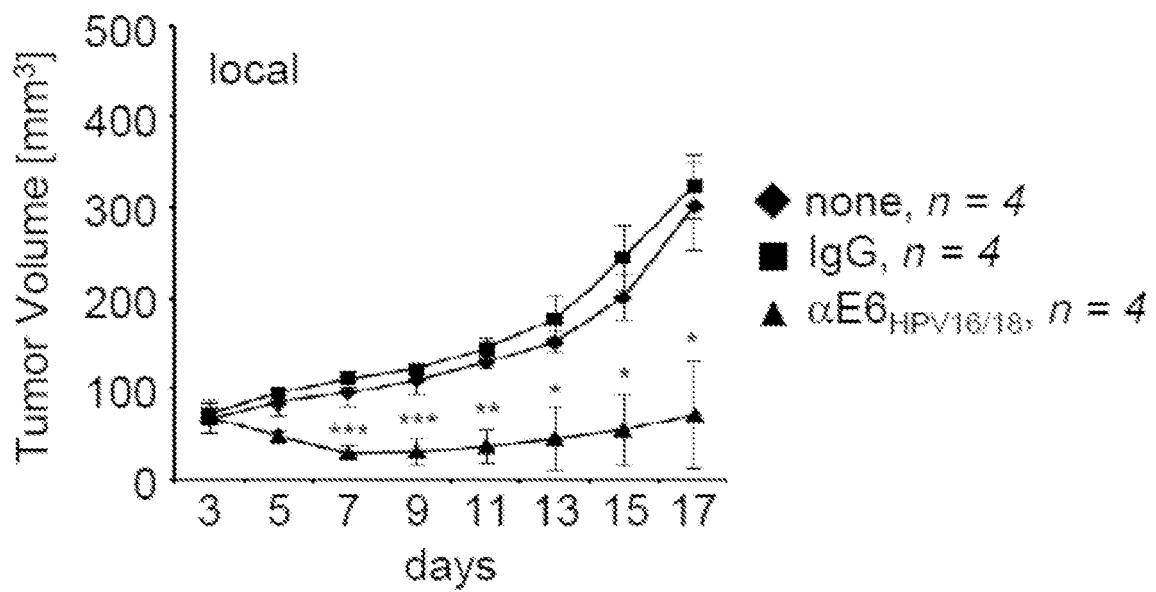


FIG. 26A

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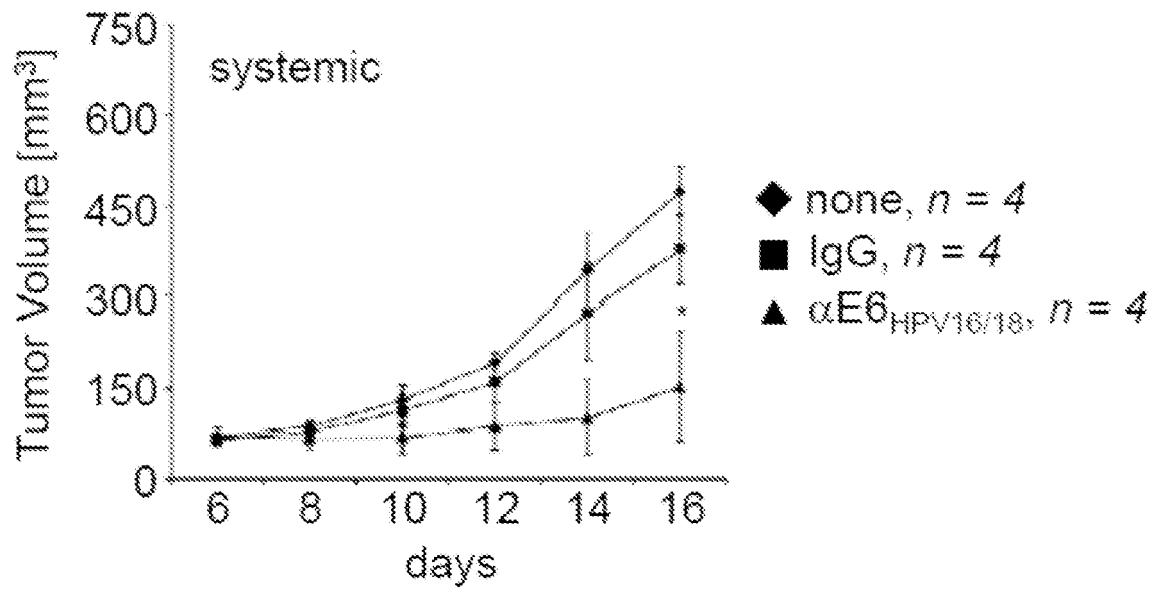


FIG. 26B

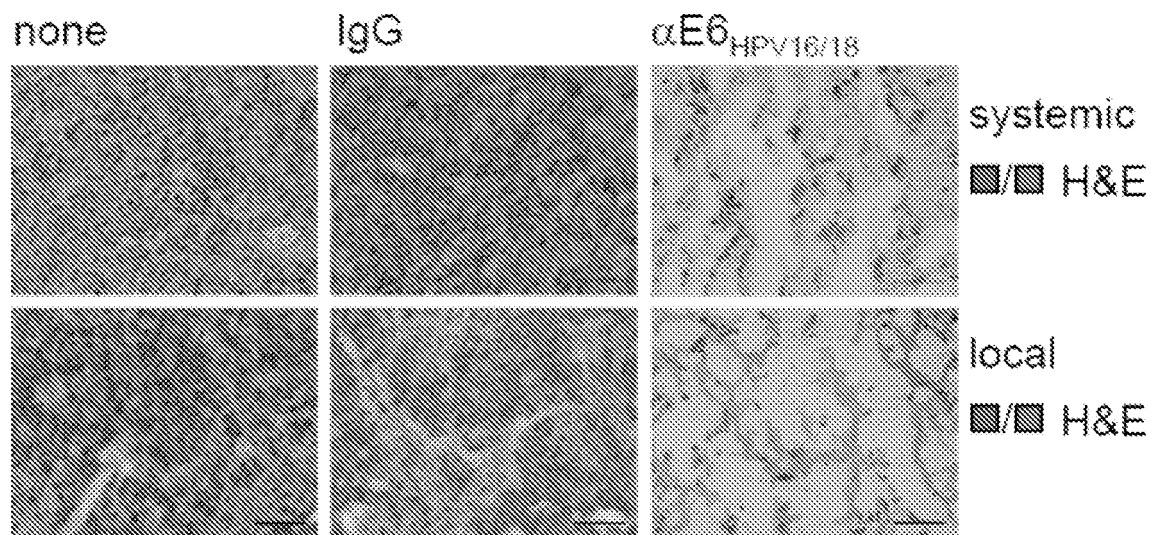


FIG. 26C

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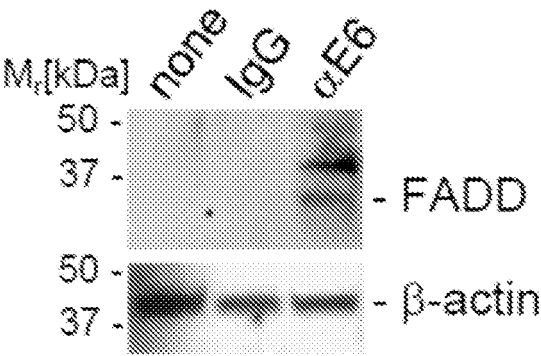


FIG. 26D

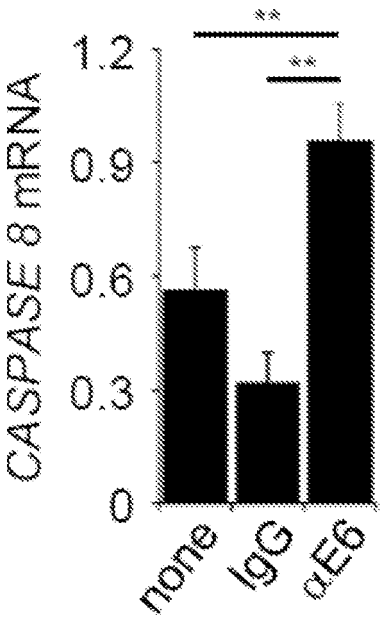


FIG. 26E

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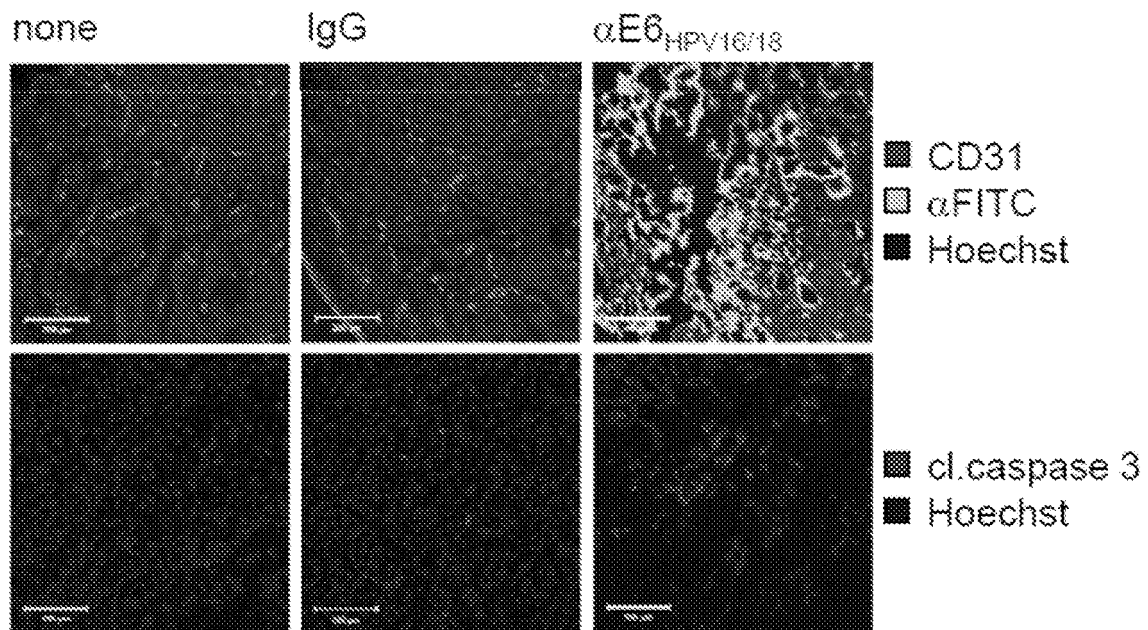


FIG. 26F

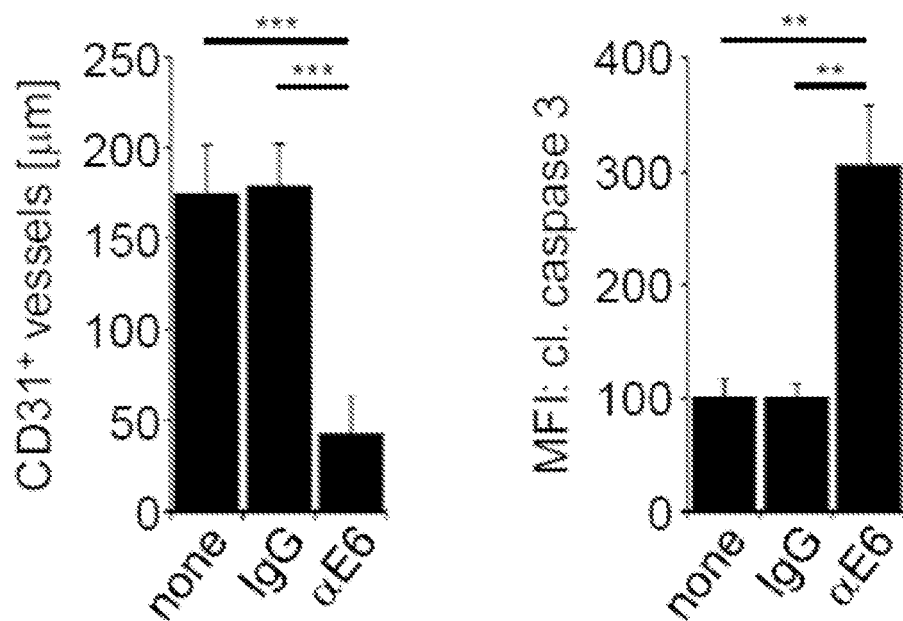


FIG. 26G

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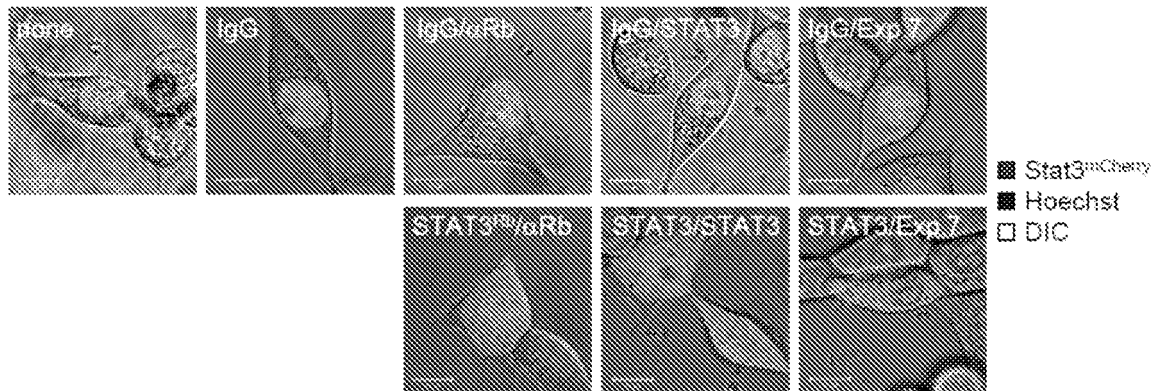


FIG. 27A

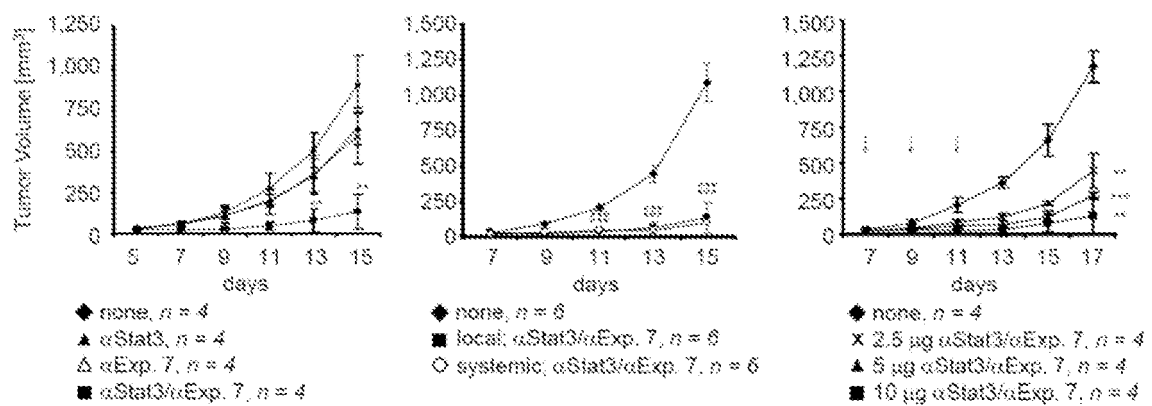


FIG. 27B

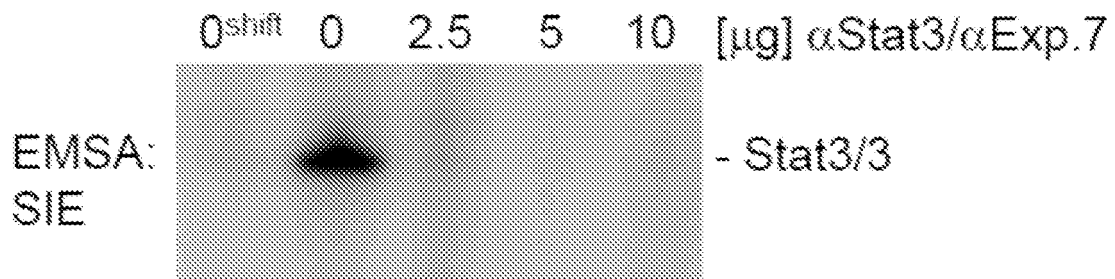


FIG. 27C

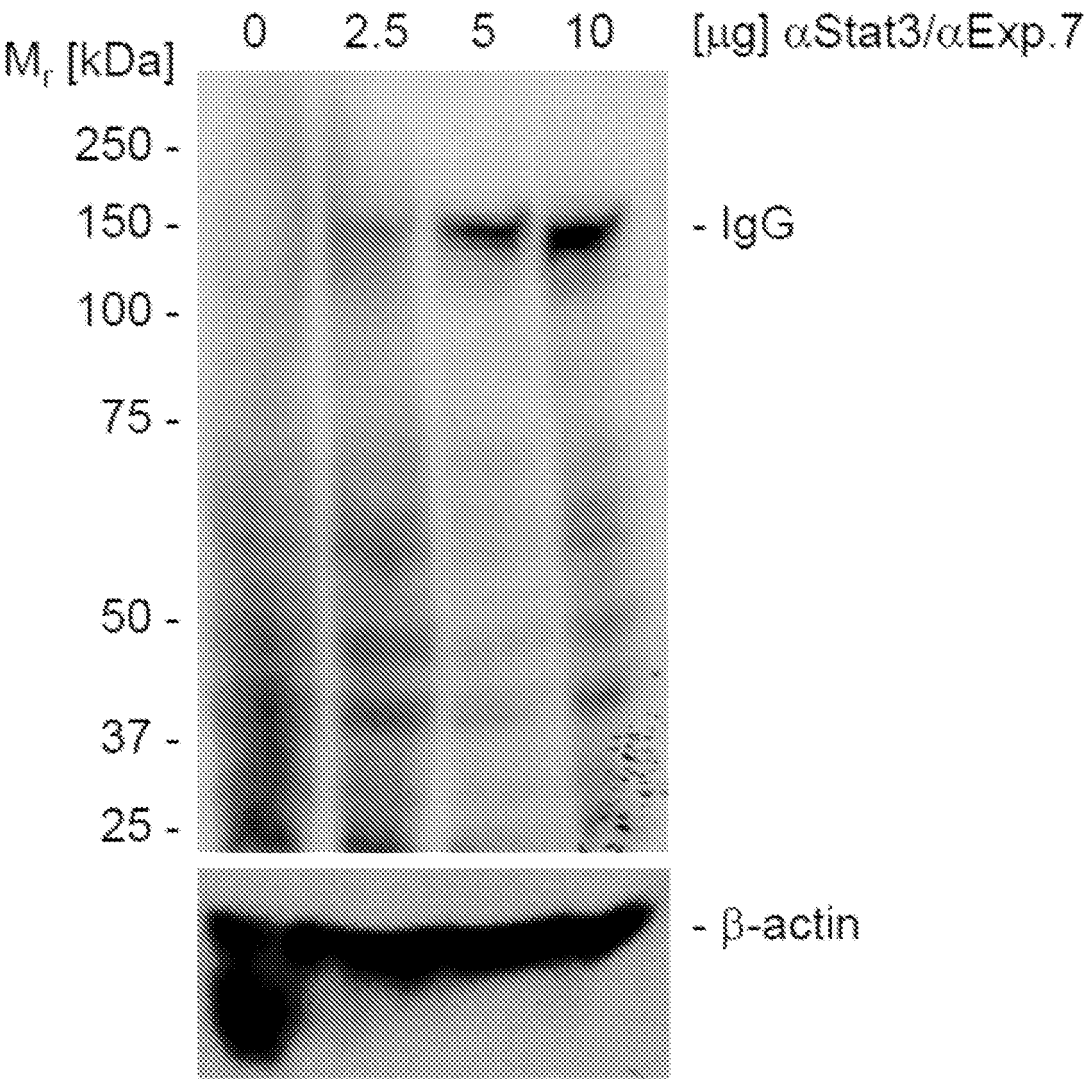


FIG. 27D

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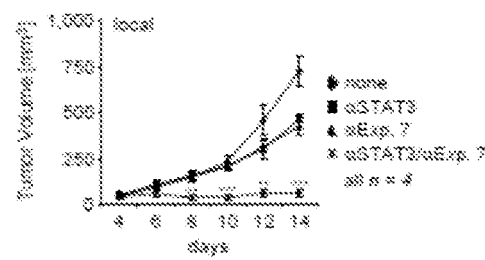


FIG. 27E

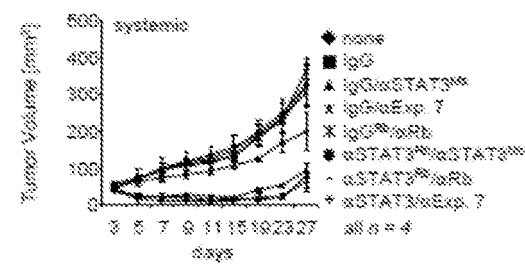


FIG. 27F

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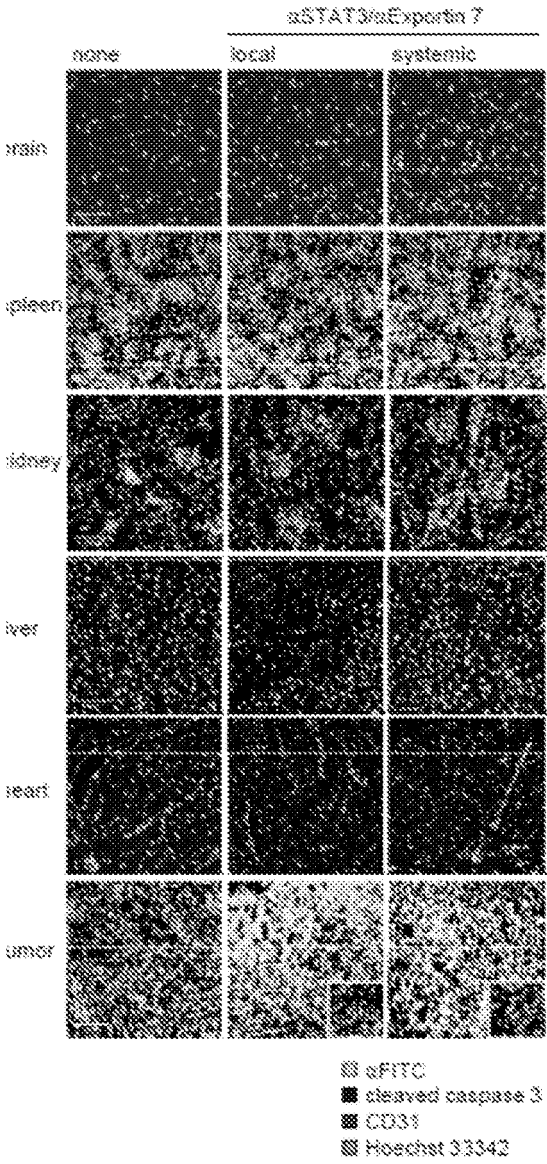


FIG. 27G

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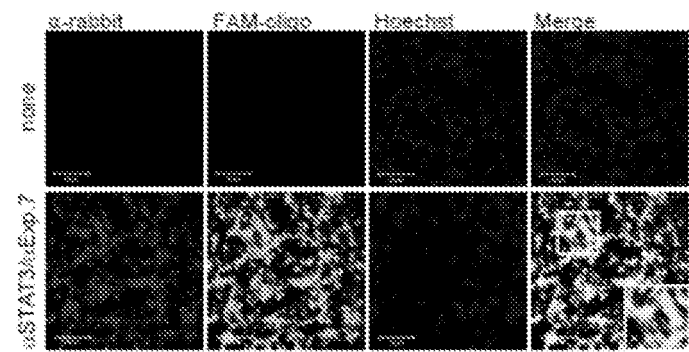


FIG. 28

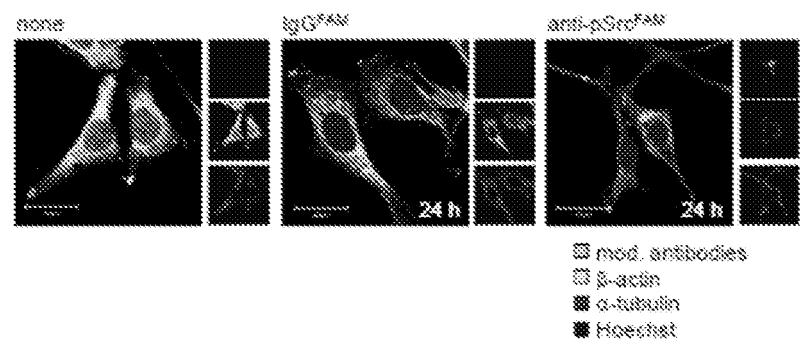


FIG. 29

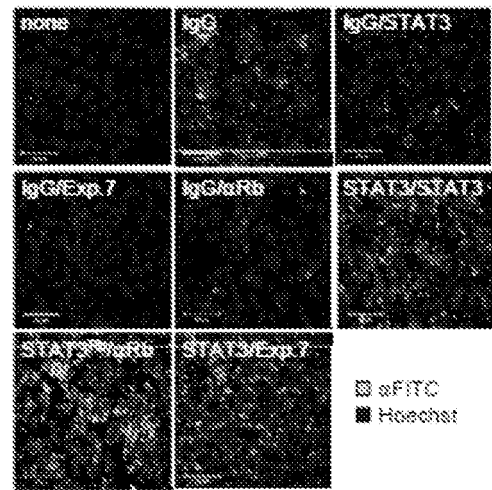


FIG. 30A

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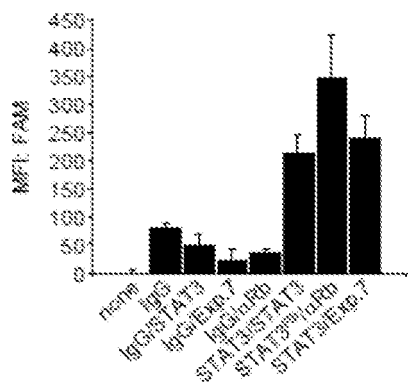


FIG. 30B

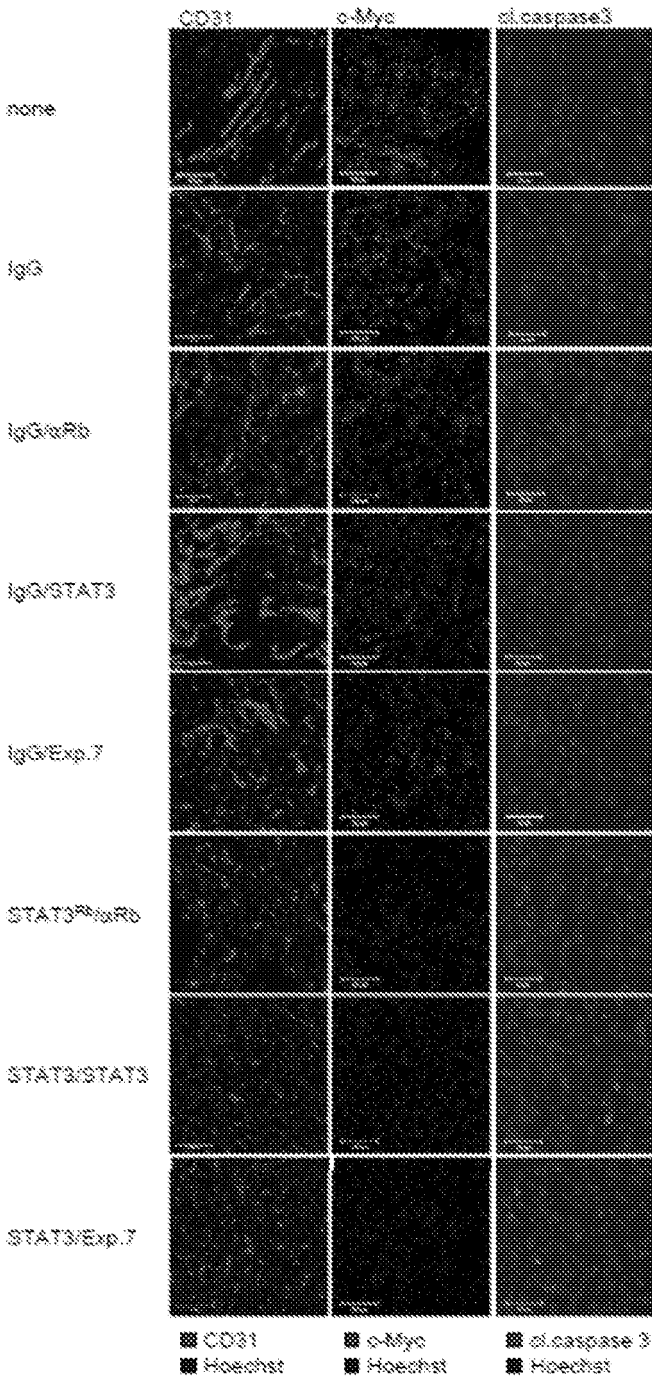


FIG. 31A

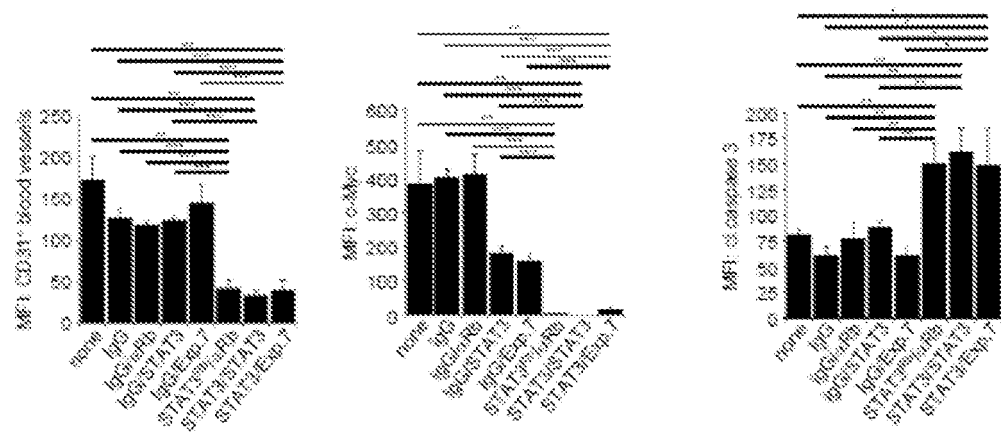


FIG. 31B

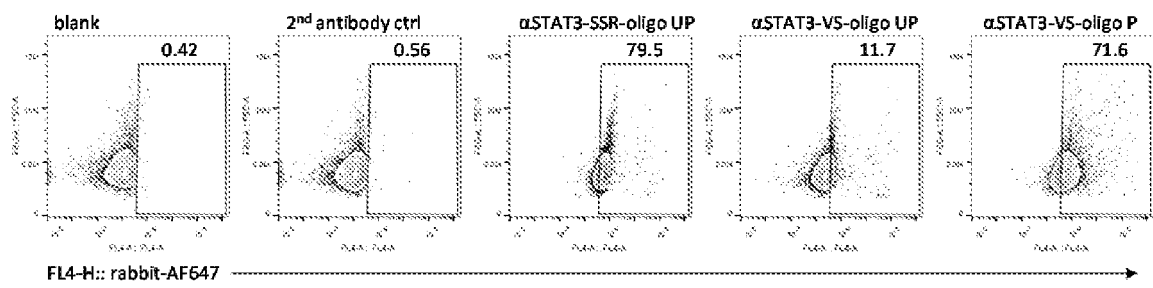


FIG. 32

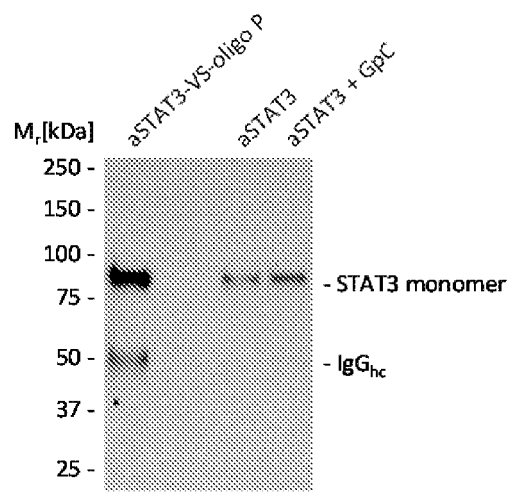


FIG. 33A

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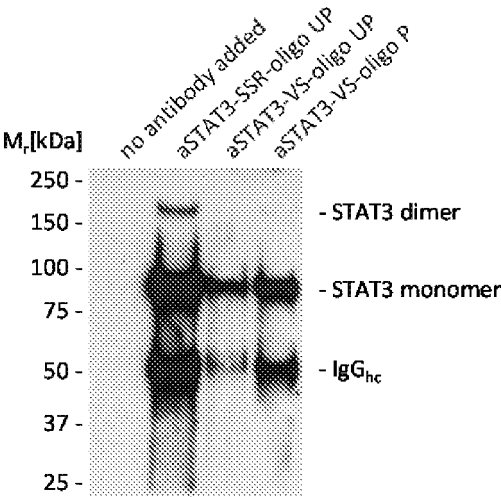


FIG. 33B