

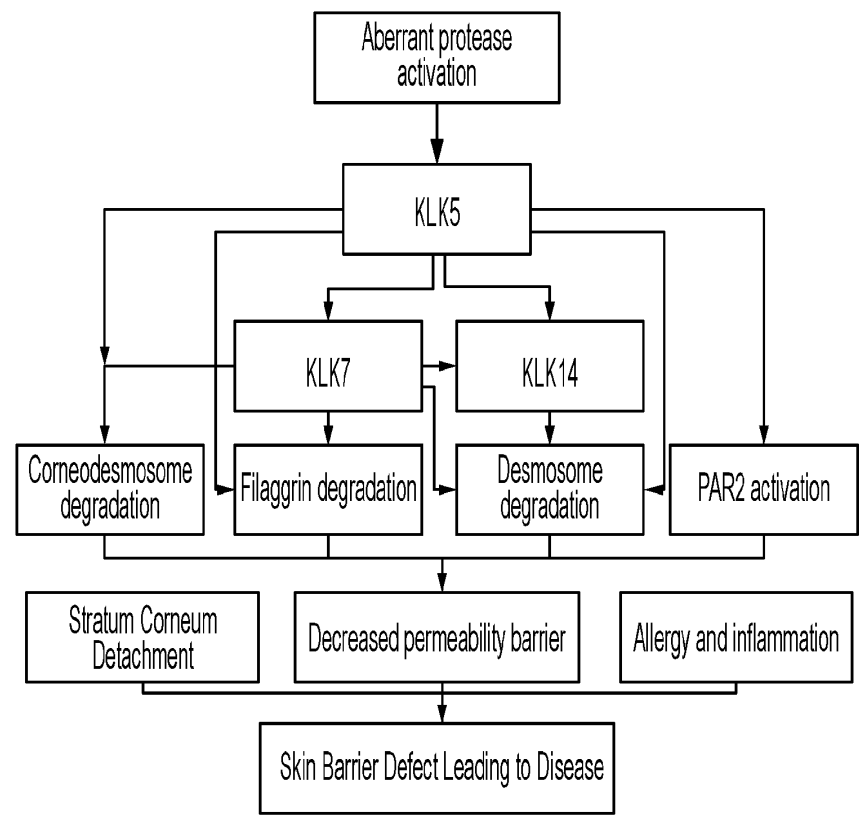


FIG. 1

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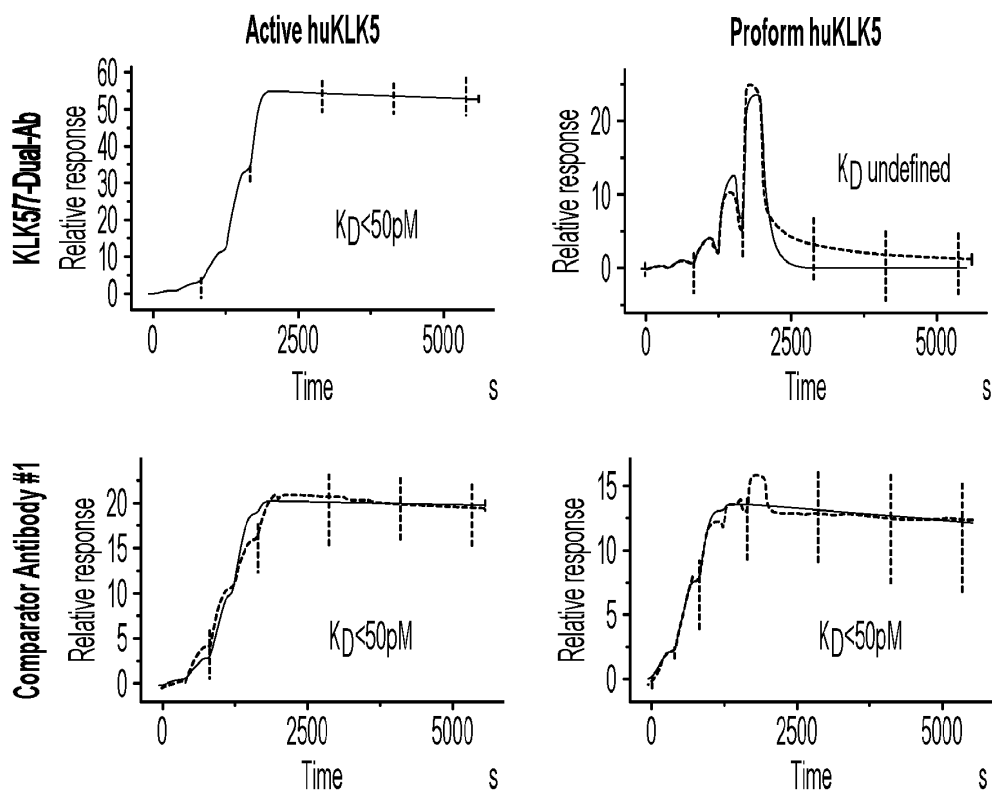


FIG. 2A

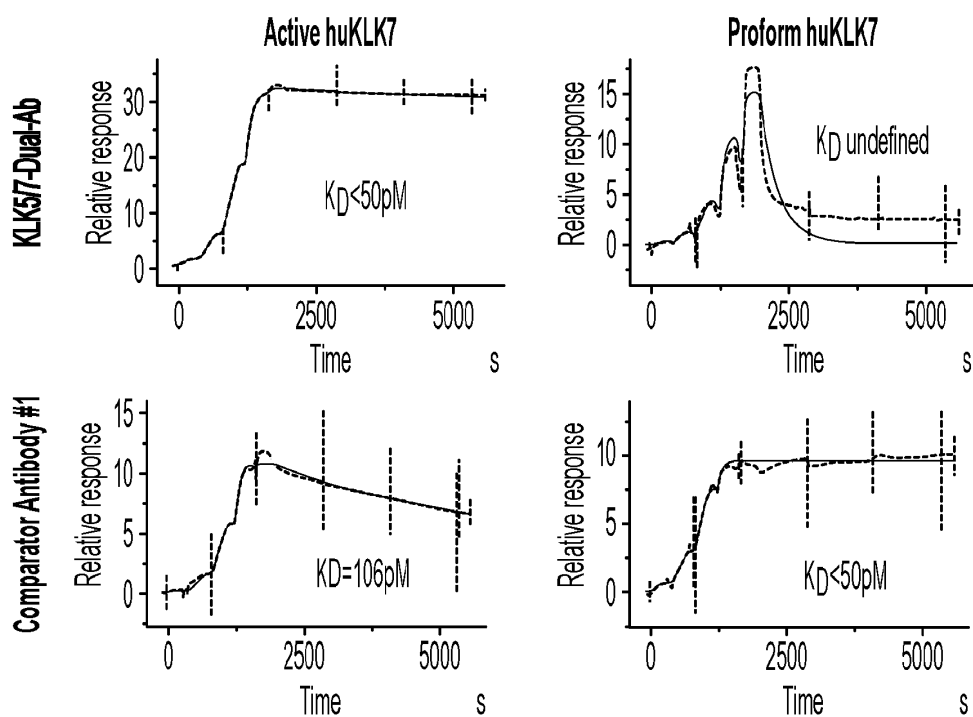


FIG. 2B

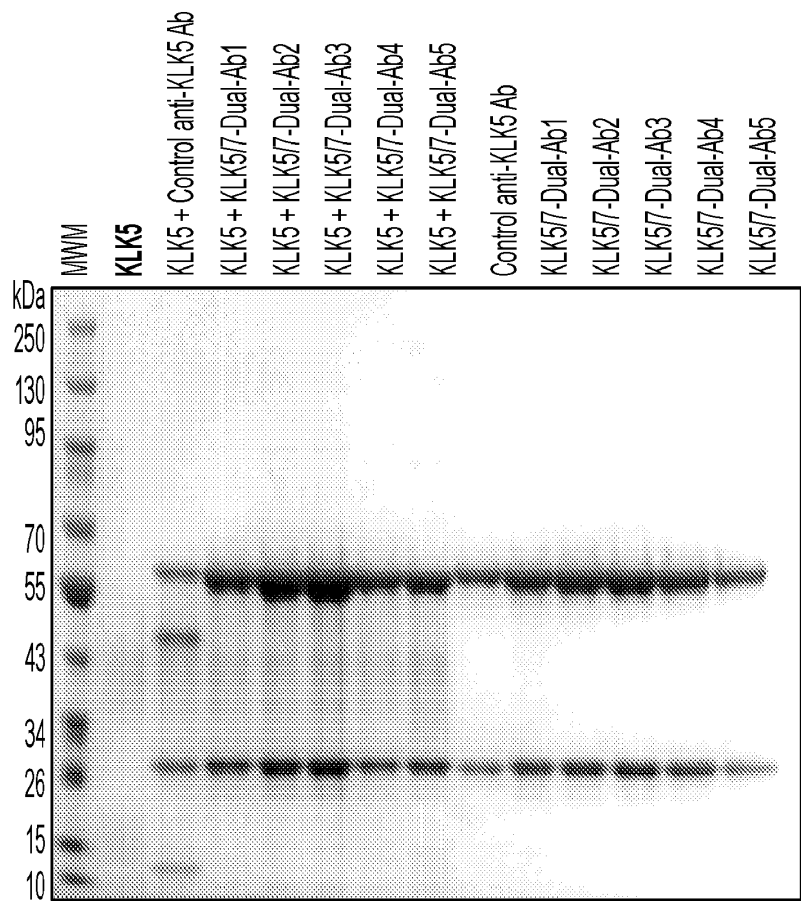


FIG. 3A

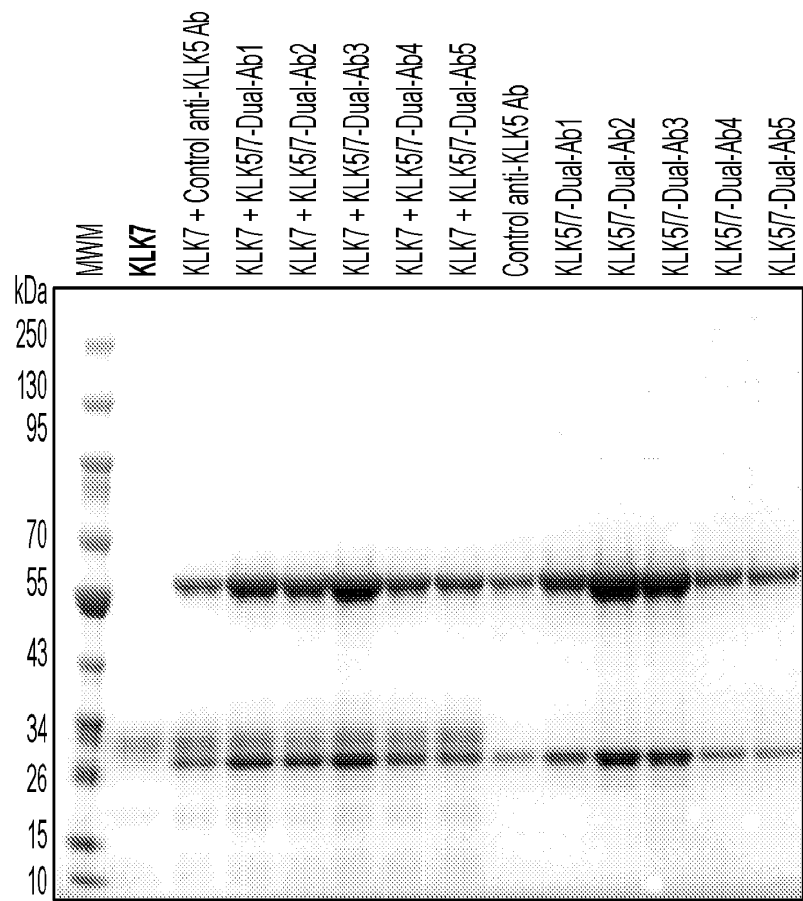


FIG. 3B

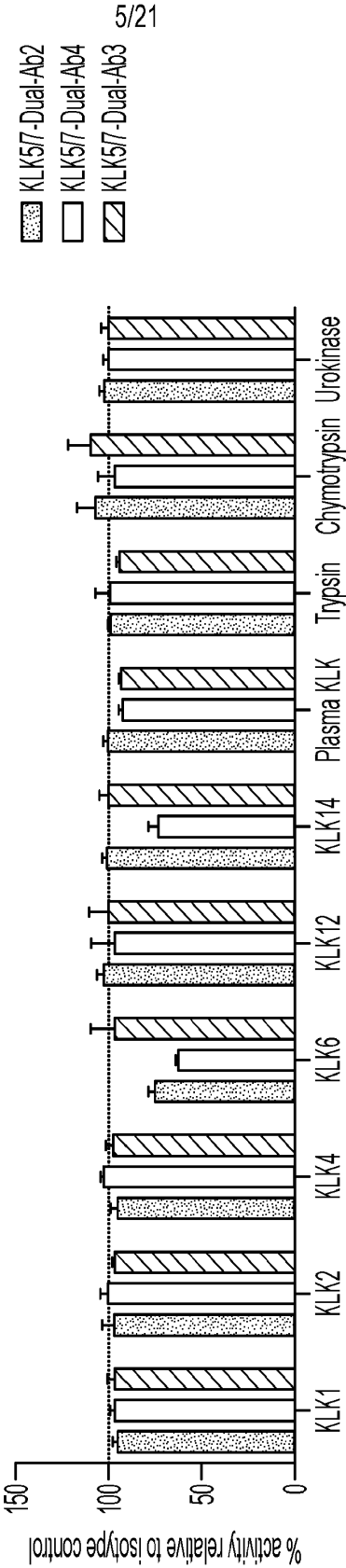


FIG. 4

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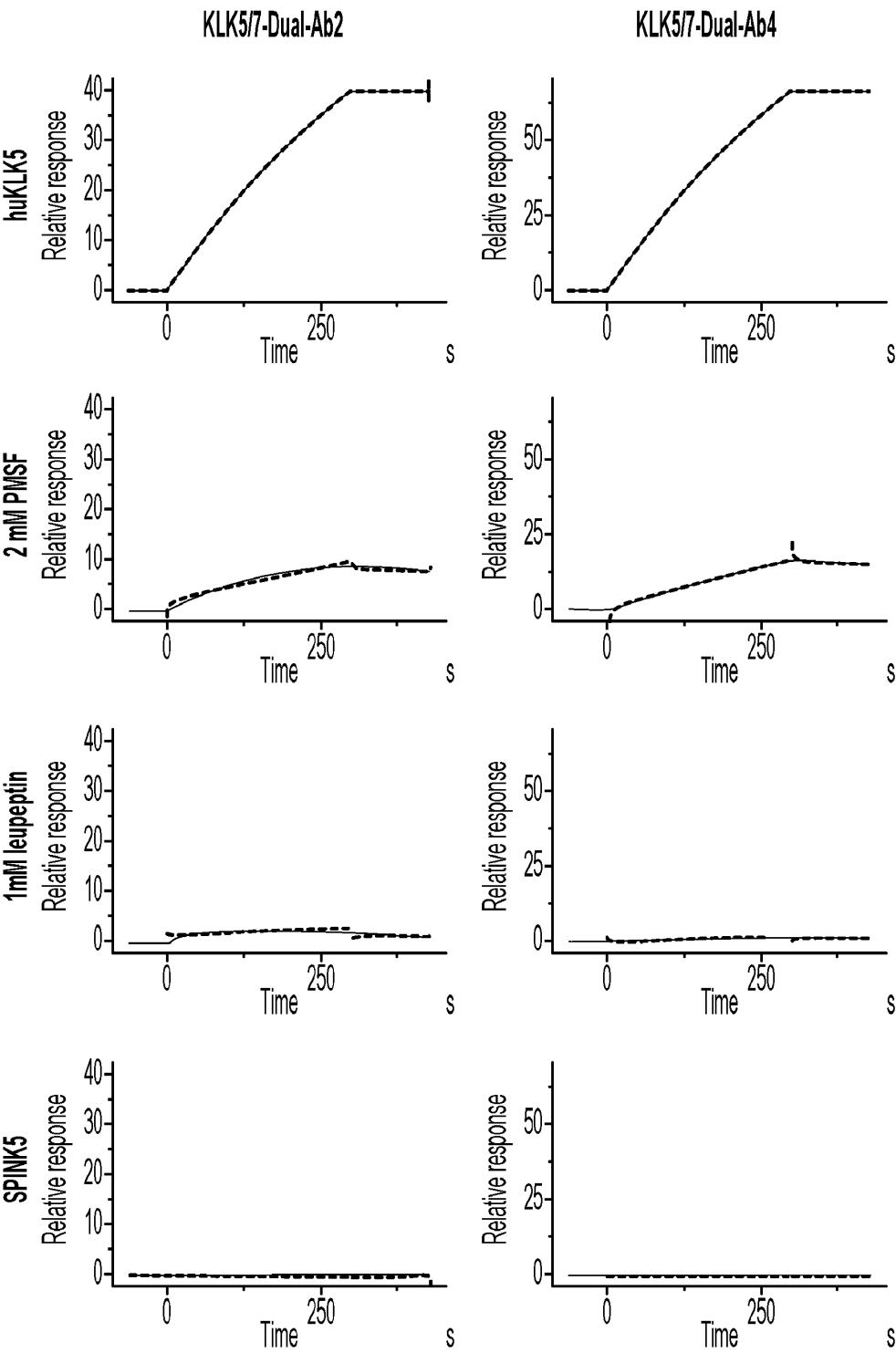


FIG. 5A

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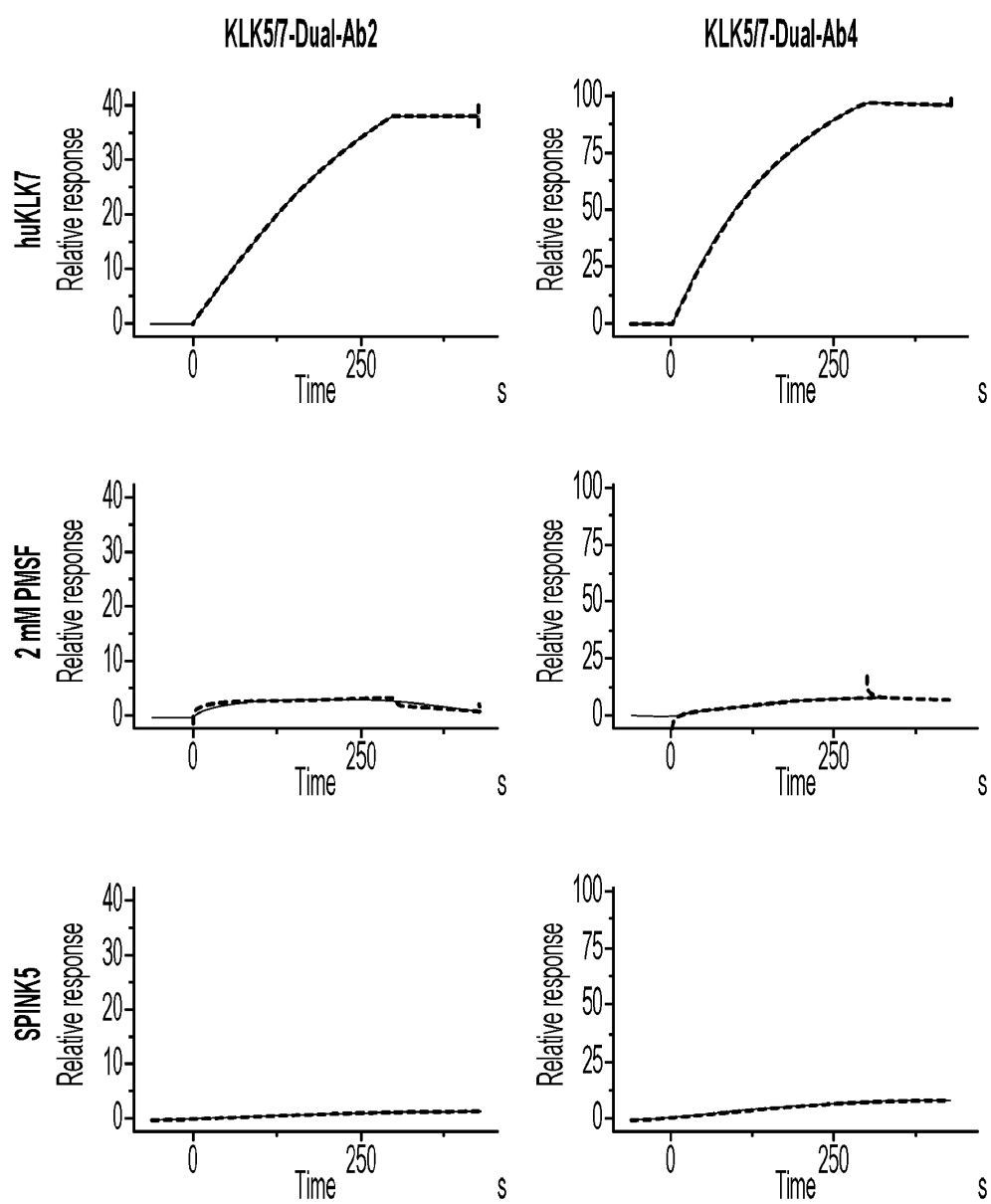


FIG. 5B

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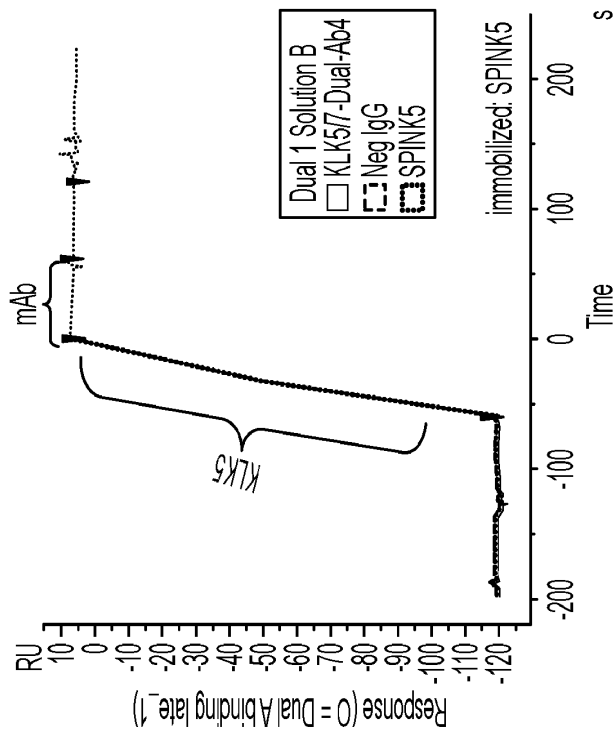


FIG. 6B

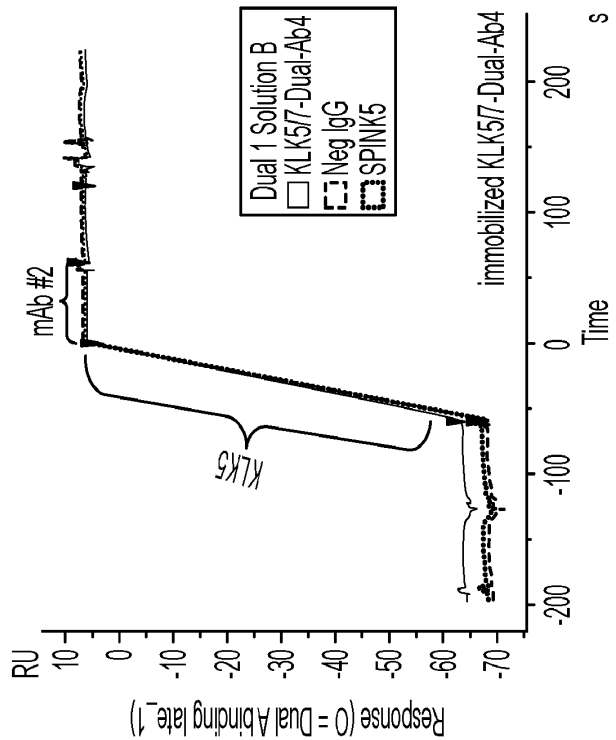


FIG. 6A

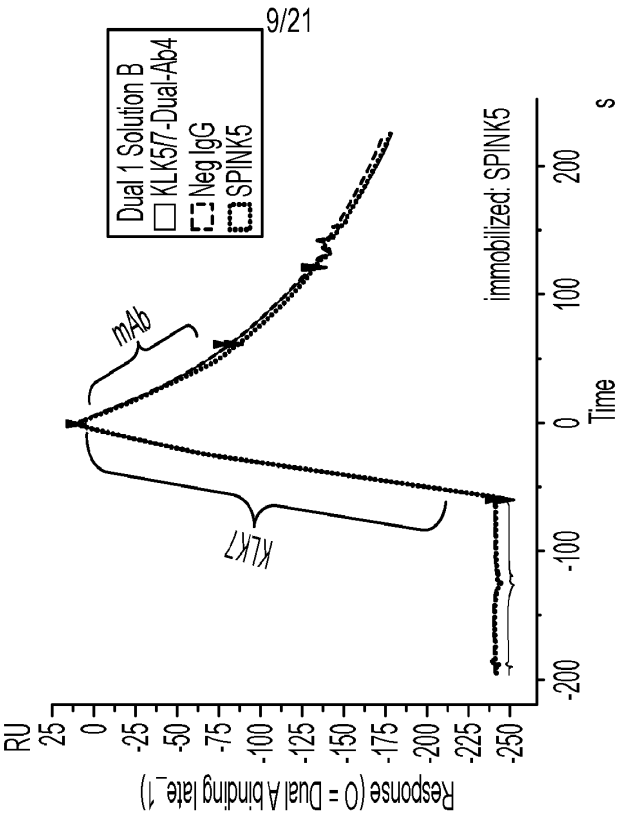


FIG. 6D

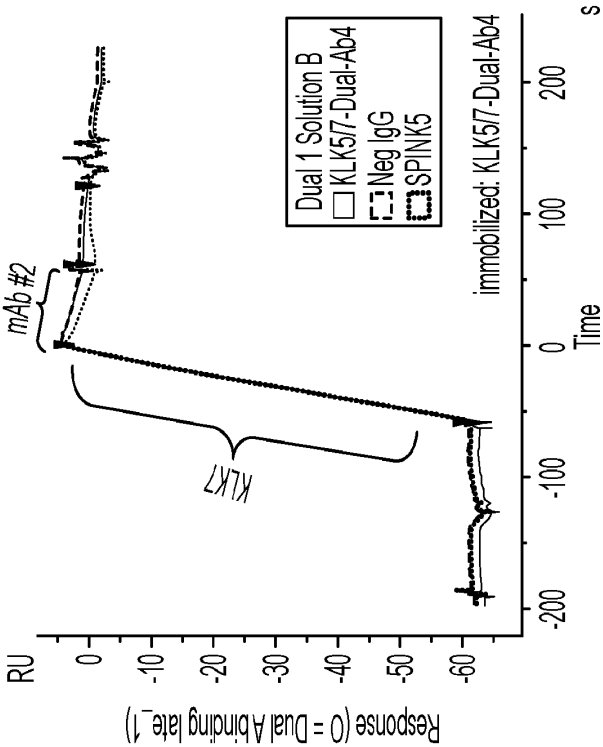


FIG. 6C

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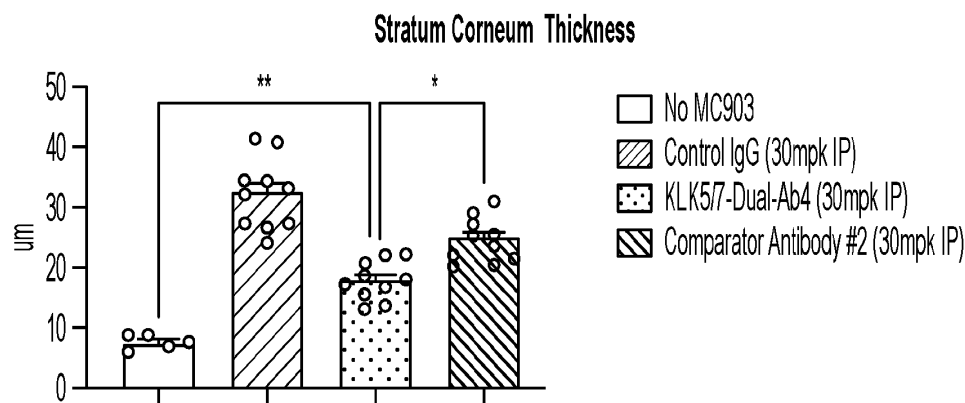


FIG. 7A

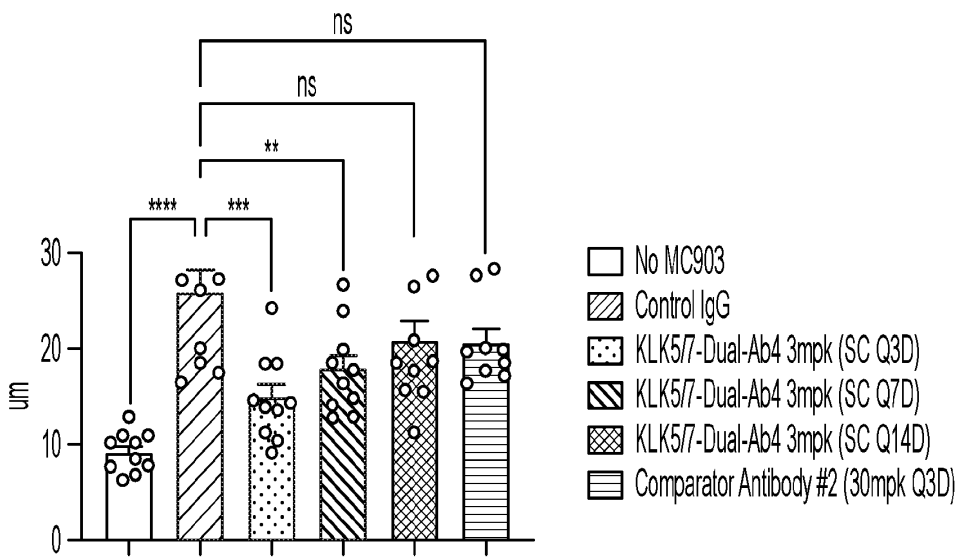


FIG. 7B

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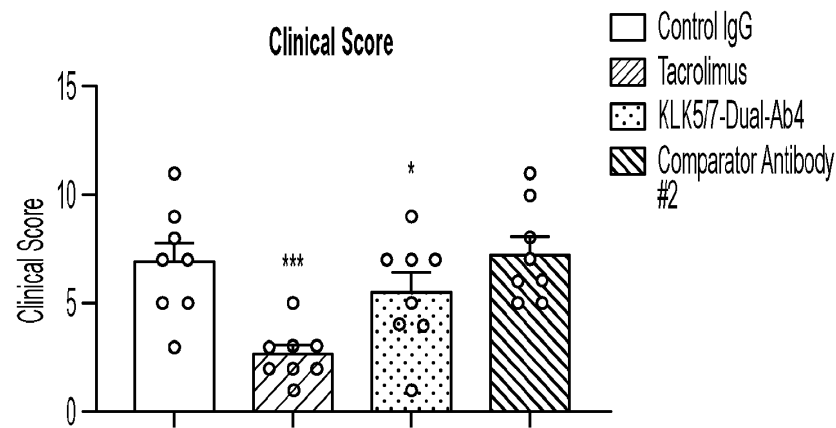


FIG. 8A

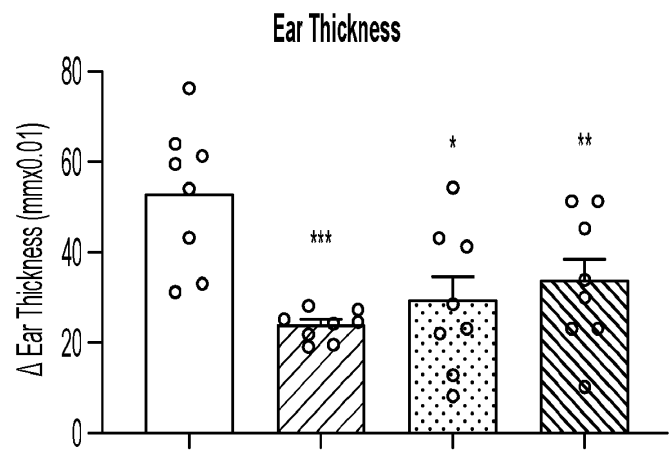


FIG. 8B

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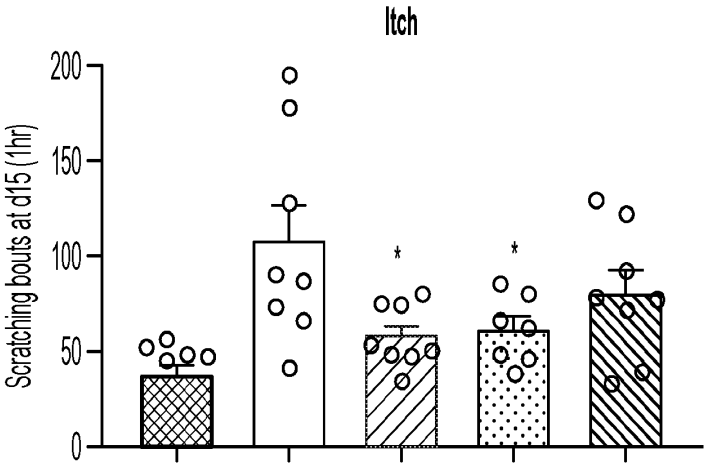


FIG. 8C

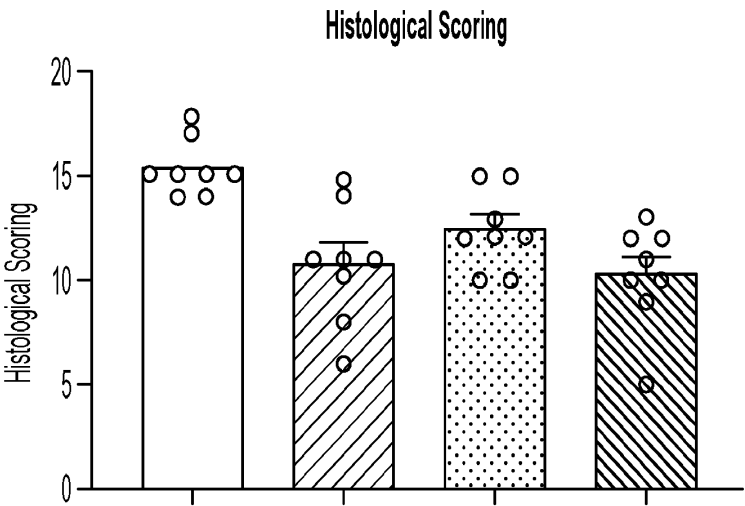


FIG. 8D

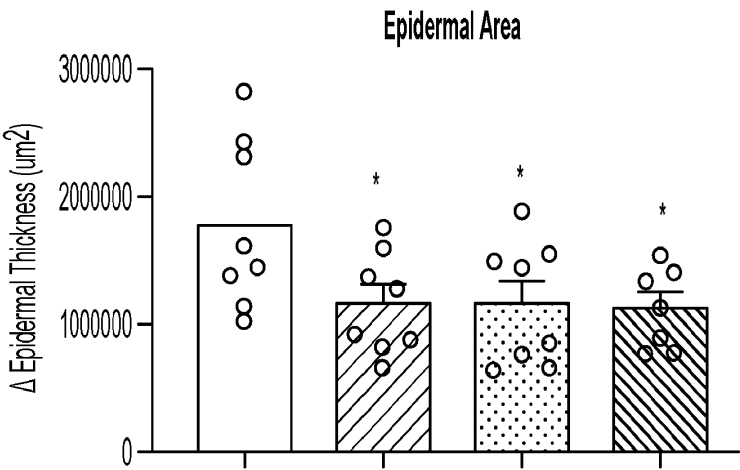


FIG. 8E

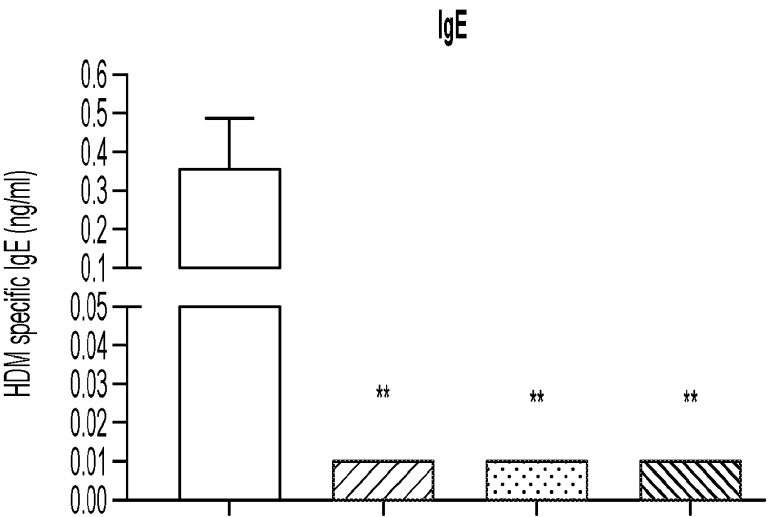


FIG. 8F

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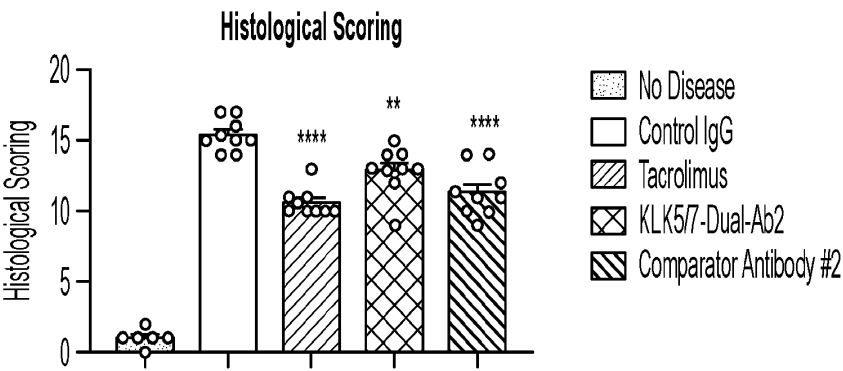


FIG. 8G

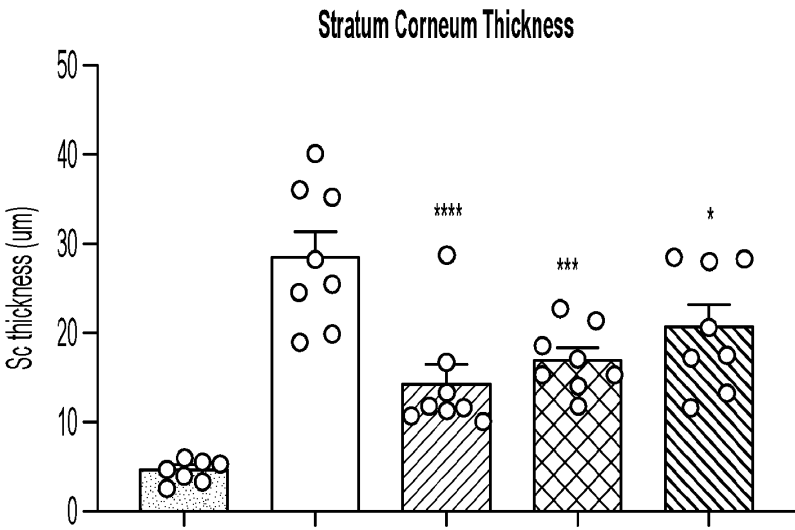


FIG. 8H

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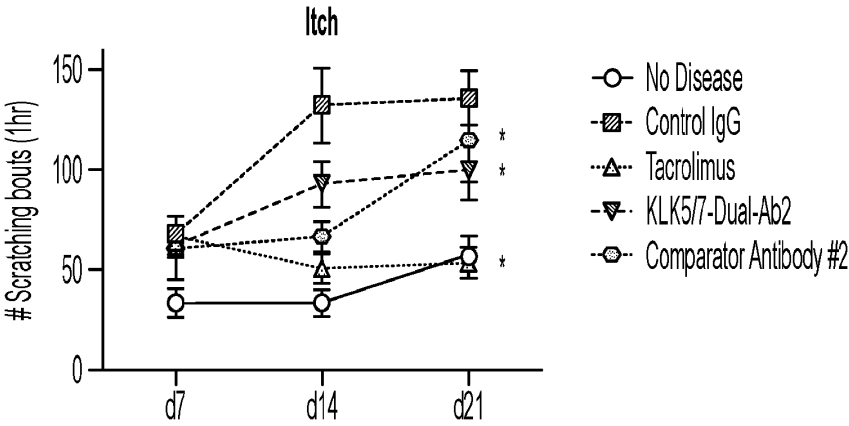


FIG. 8I

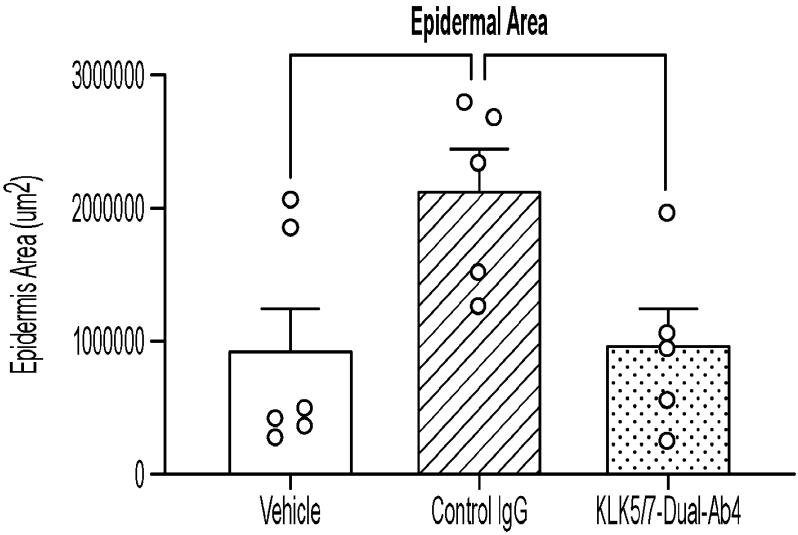


FIG. 9A

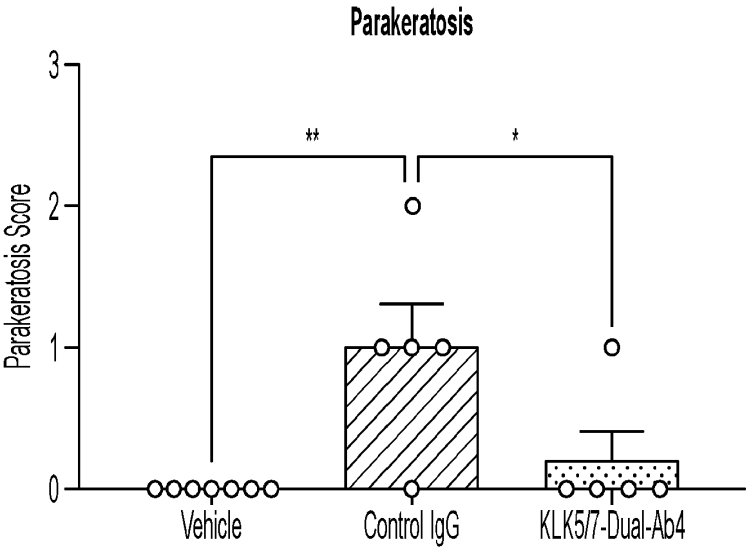


FIG. 9B

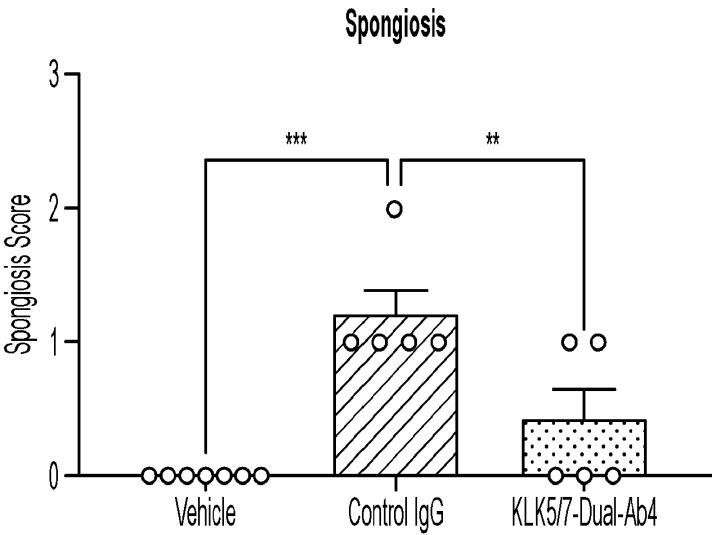


FIG. 9C

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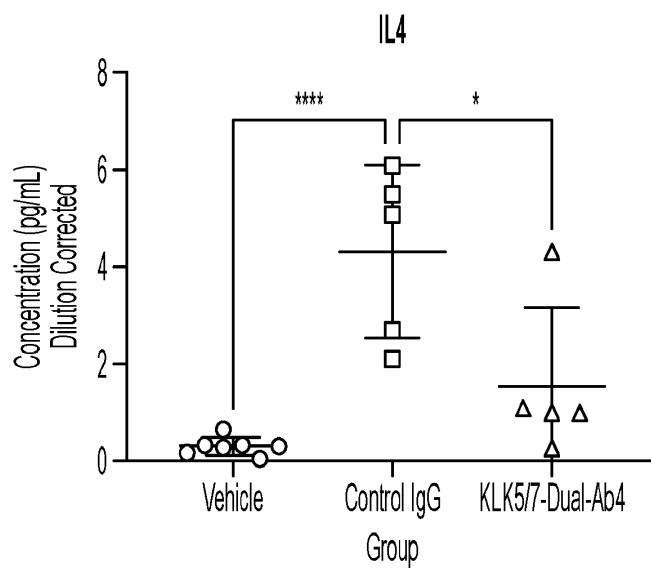


FIG. 9D

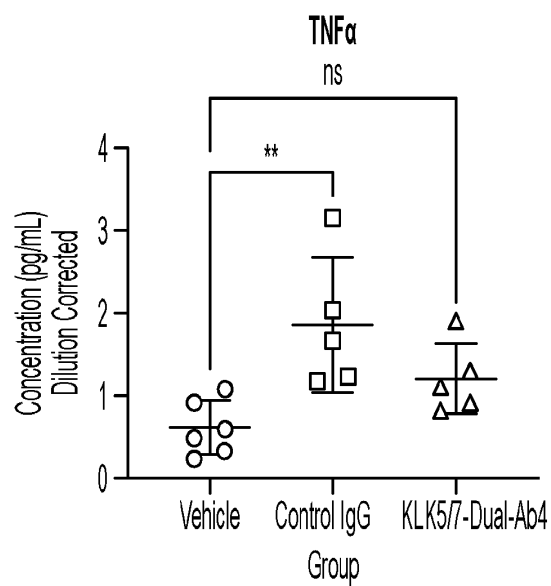


FIG. 9E

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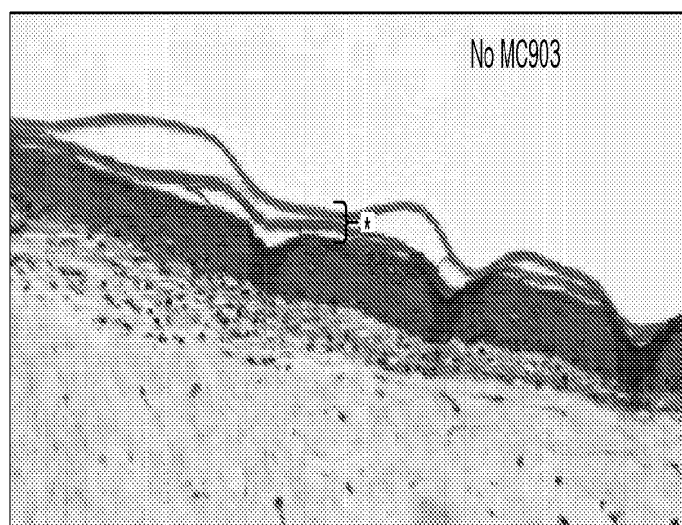


FIG. 10A

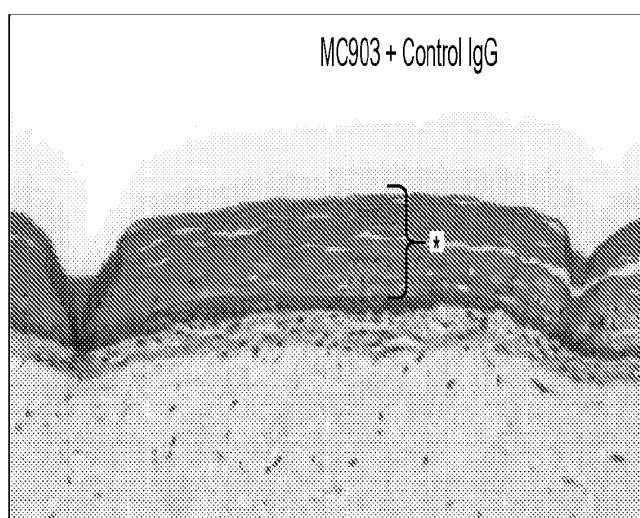


FIG. 10B

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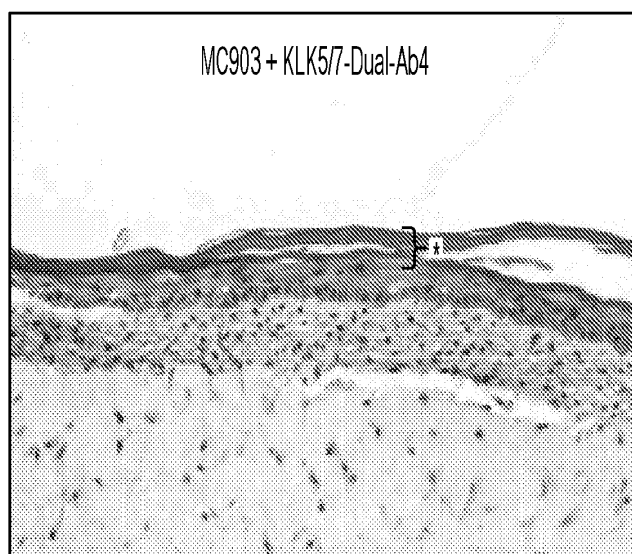


FIG. 10C

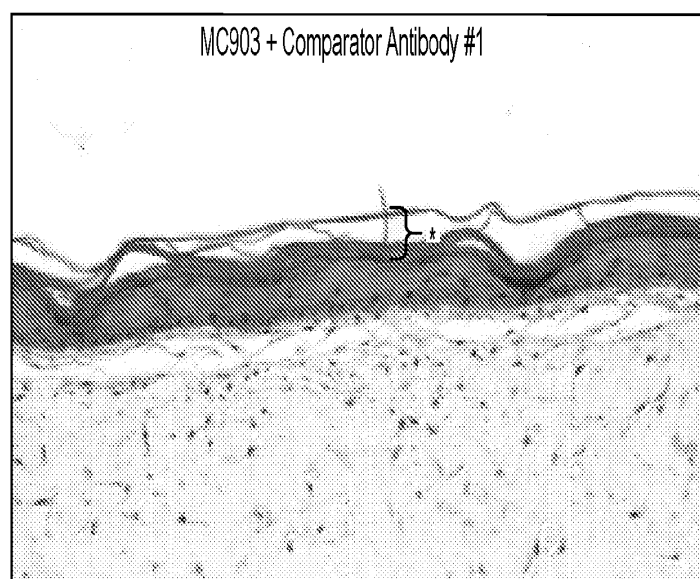


FIG. 10D

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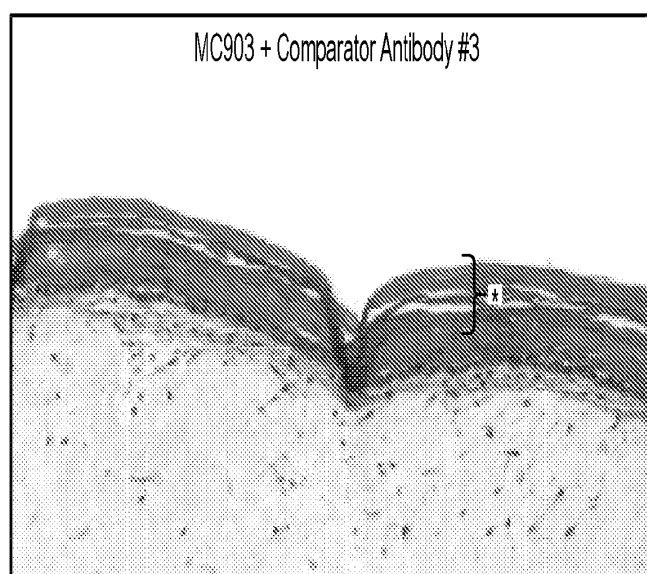


FIG. 10E

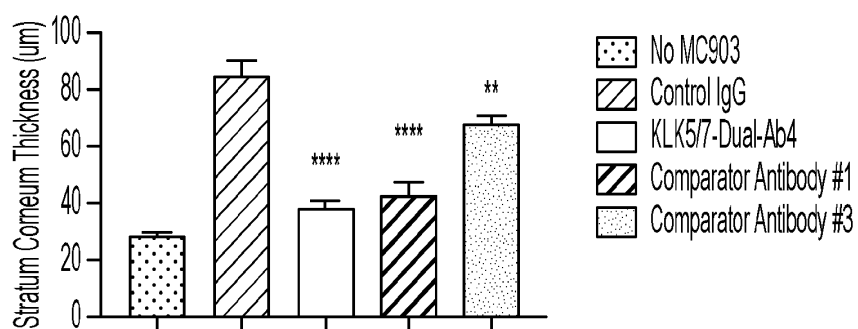


FIG. 10F

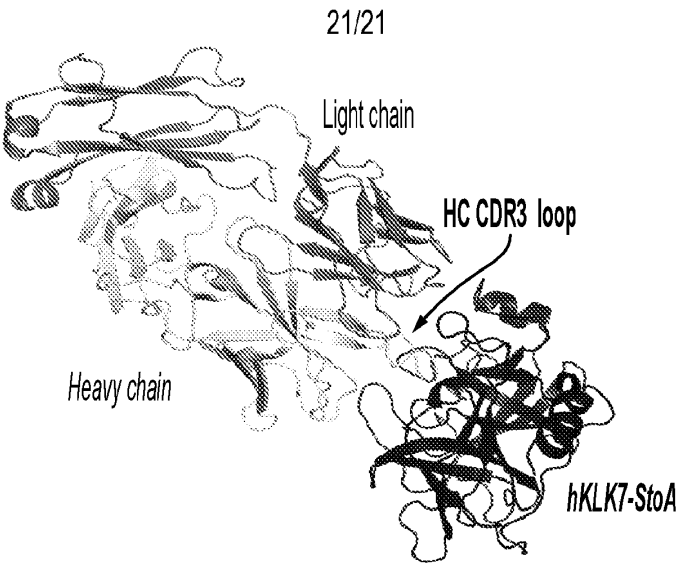


FIG. 11

Substrate-like orientation
S4-S3-S2-S1-S1'-S2'-S3'-S4'
N---P4-P3-P2-P1-P1'-P2'-P3'-P4'---C

CDR H3 orientation
S4-S3-S2-S1-S1'-S2'-S3'-S4'
C---P4-P3-P2-P1
P1'-P2'-P3'-P4'---N

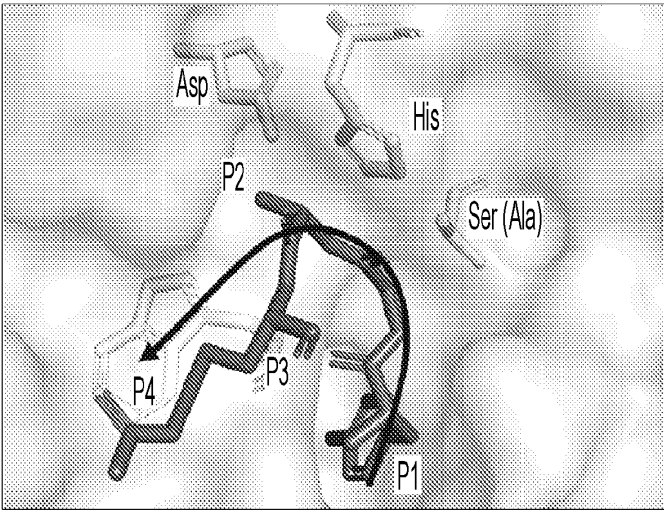


FIG. 12