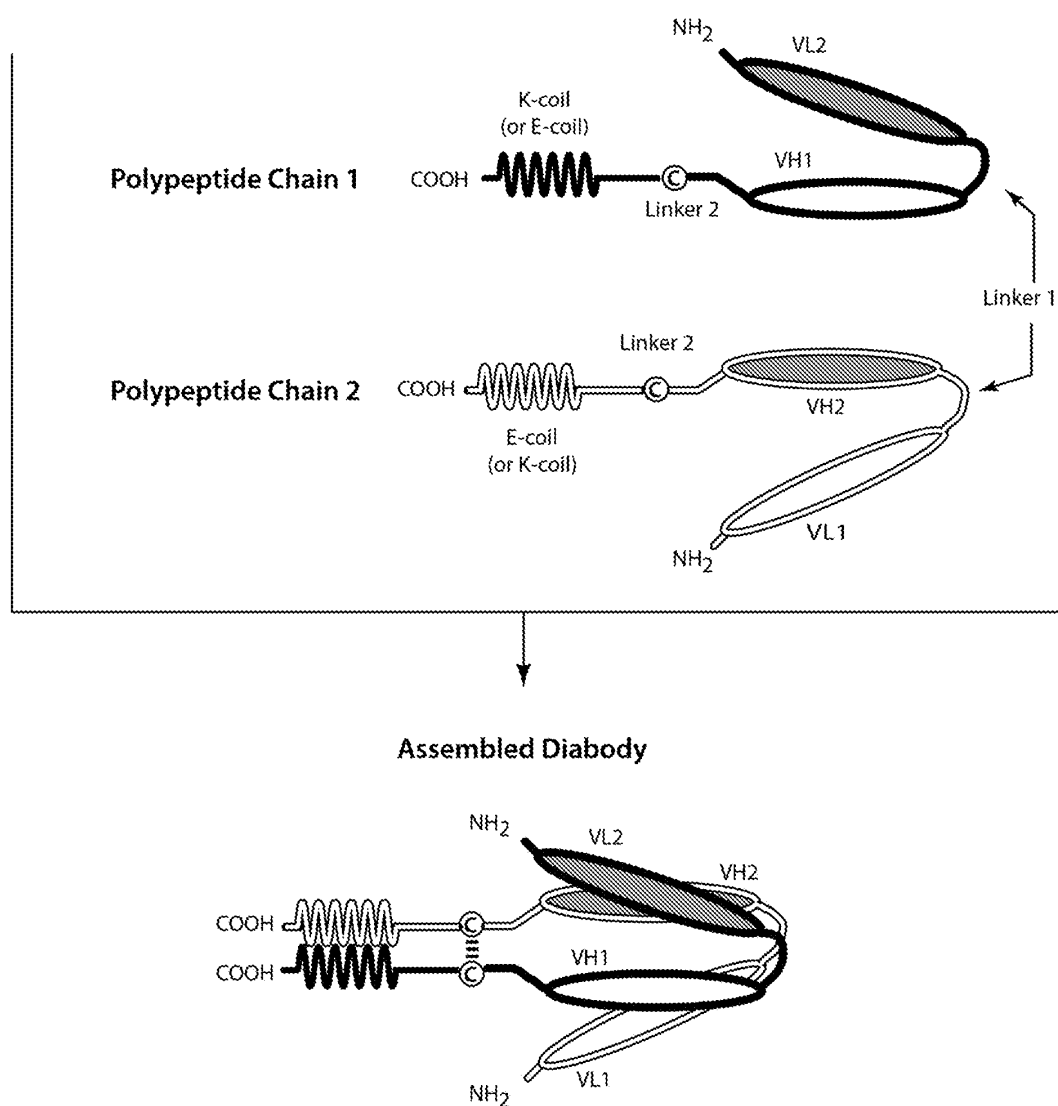
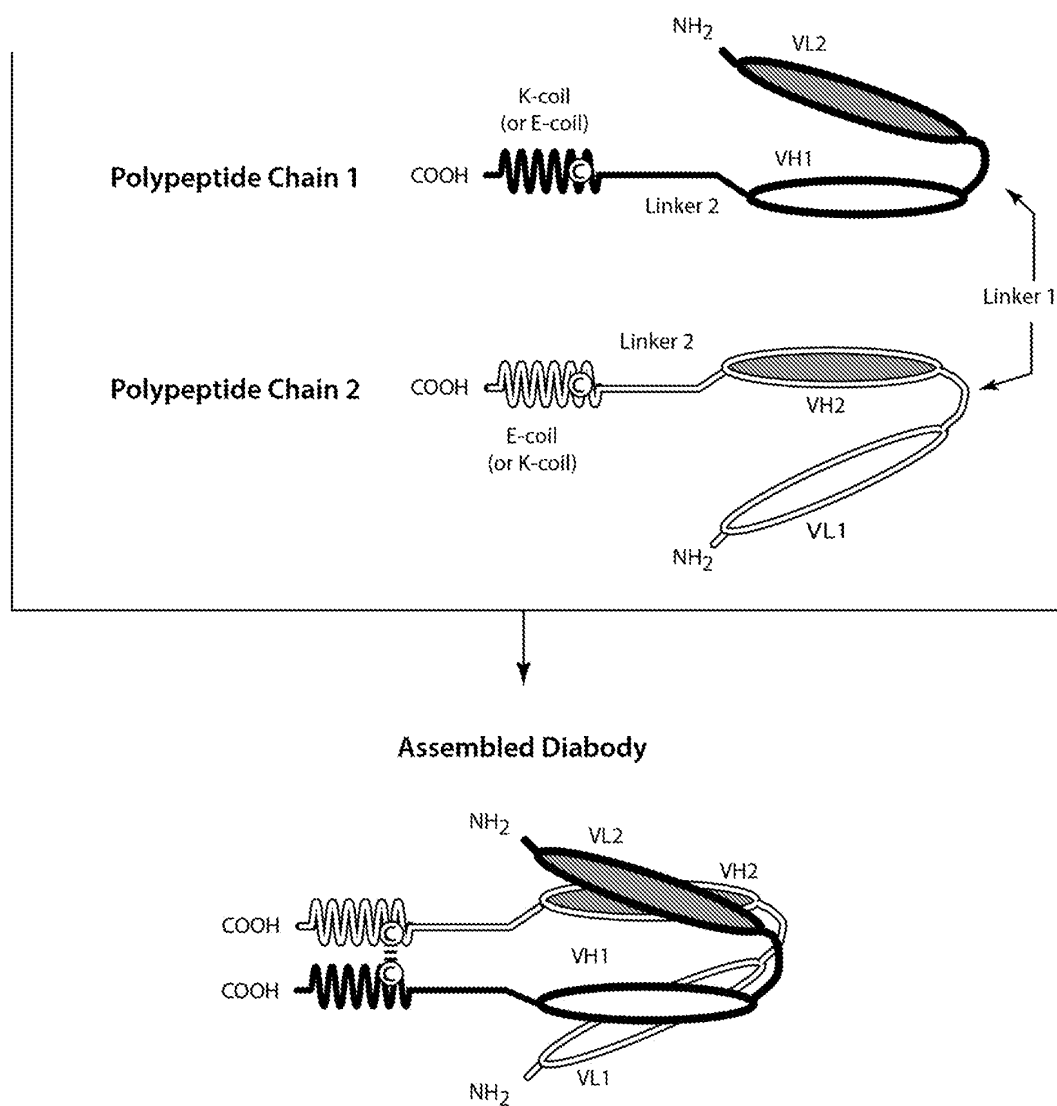
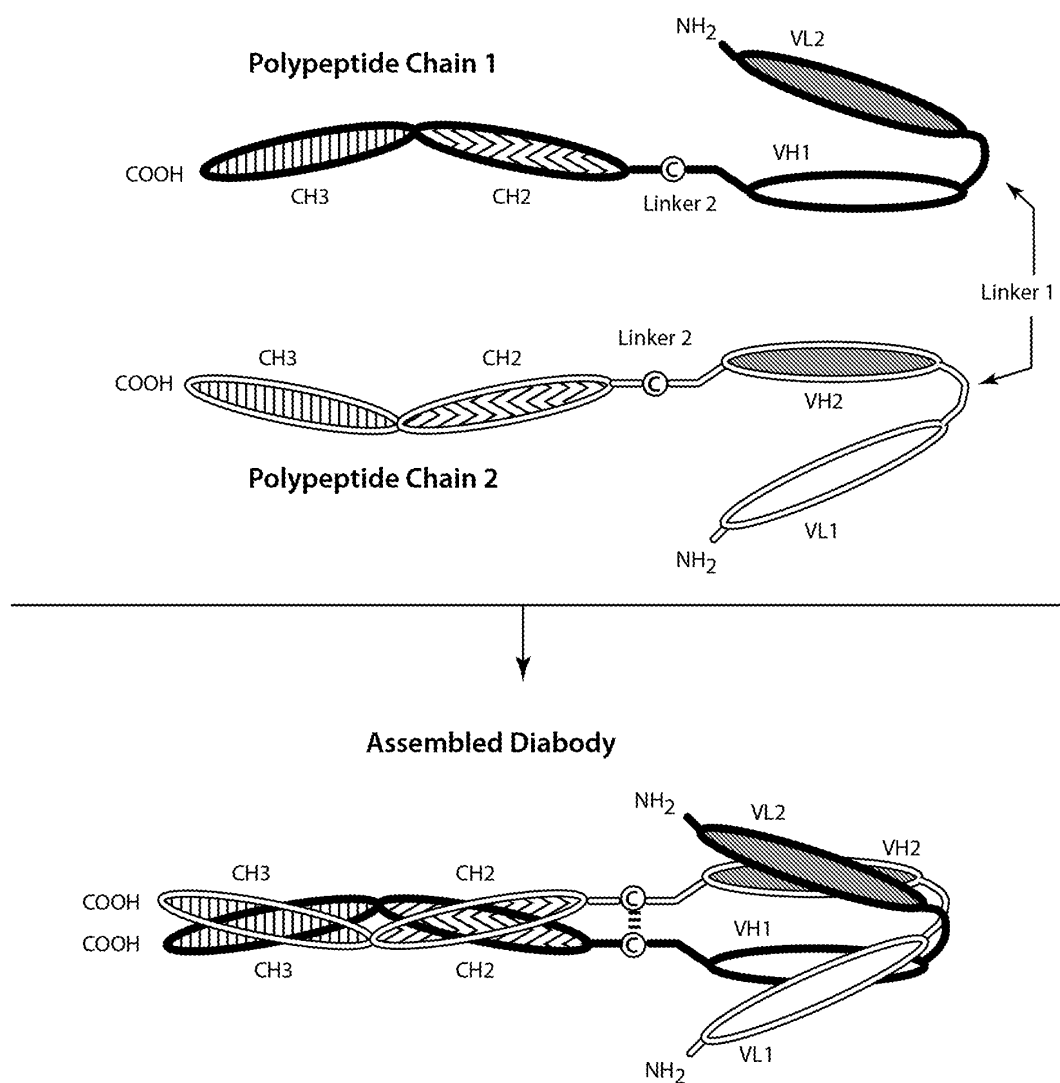


**Figure 1A**

**Figure 1B**

**Figure 2**

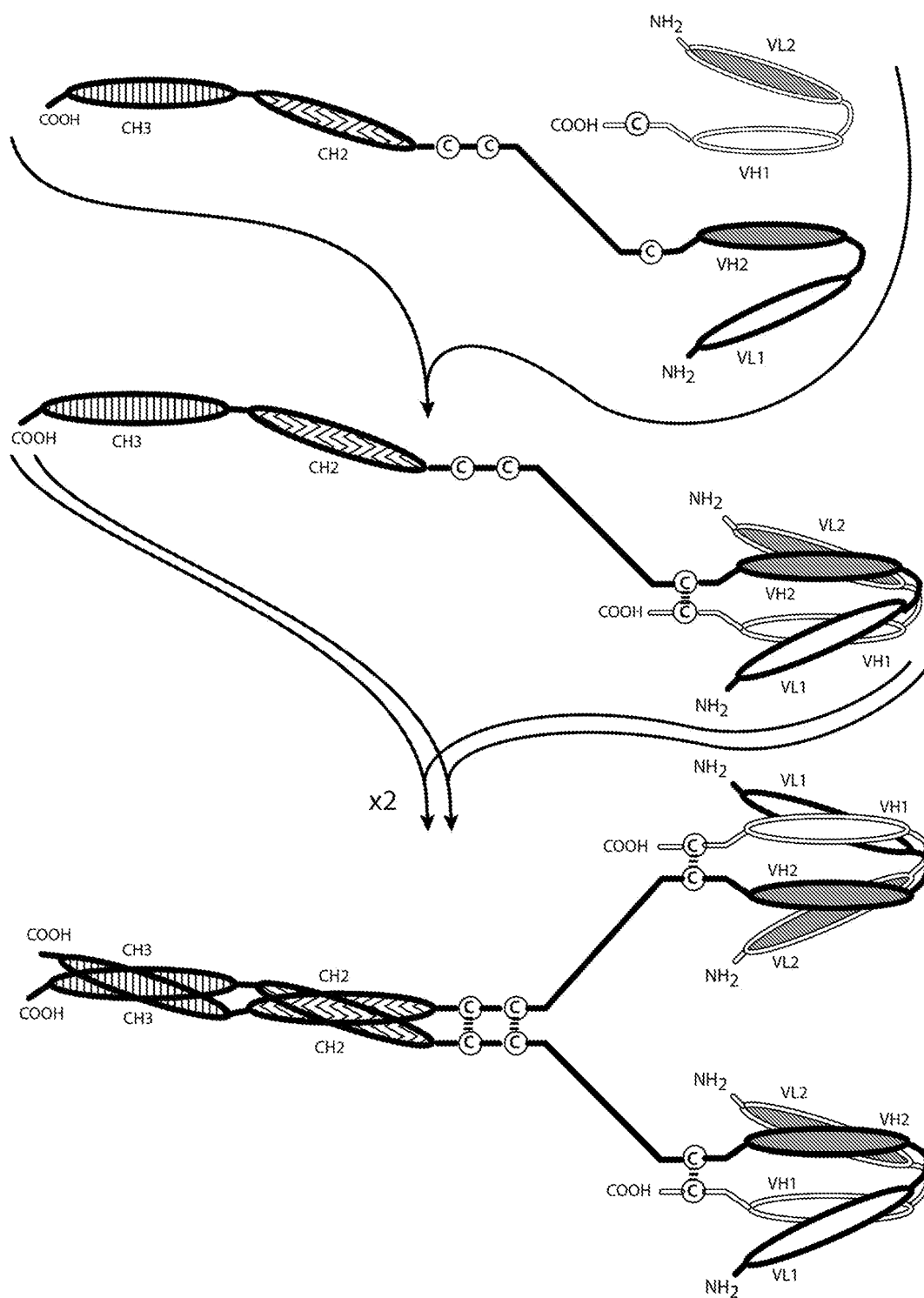


Figure 3A

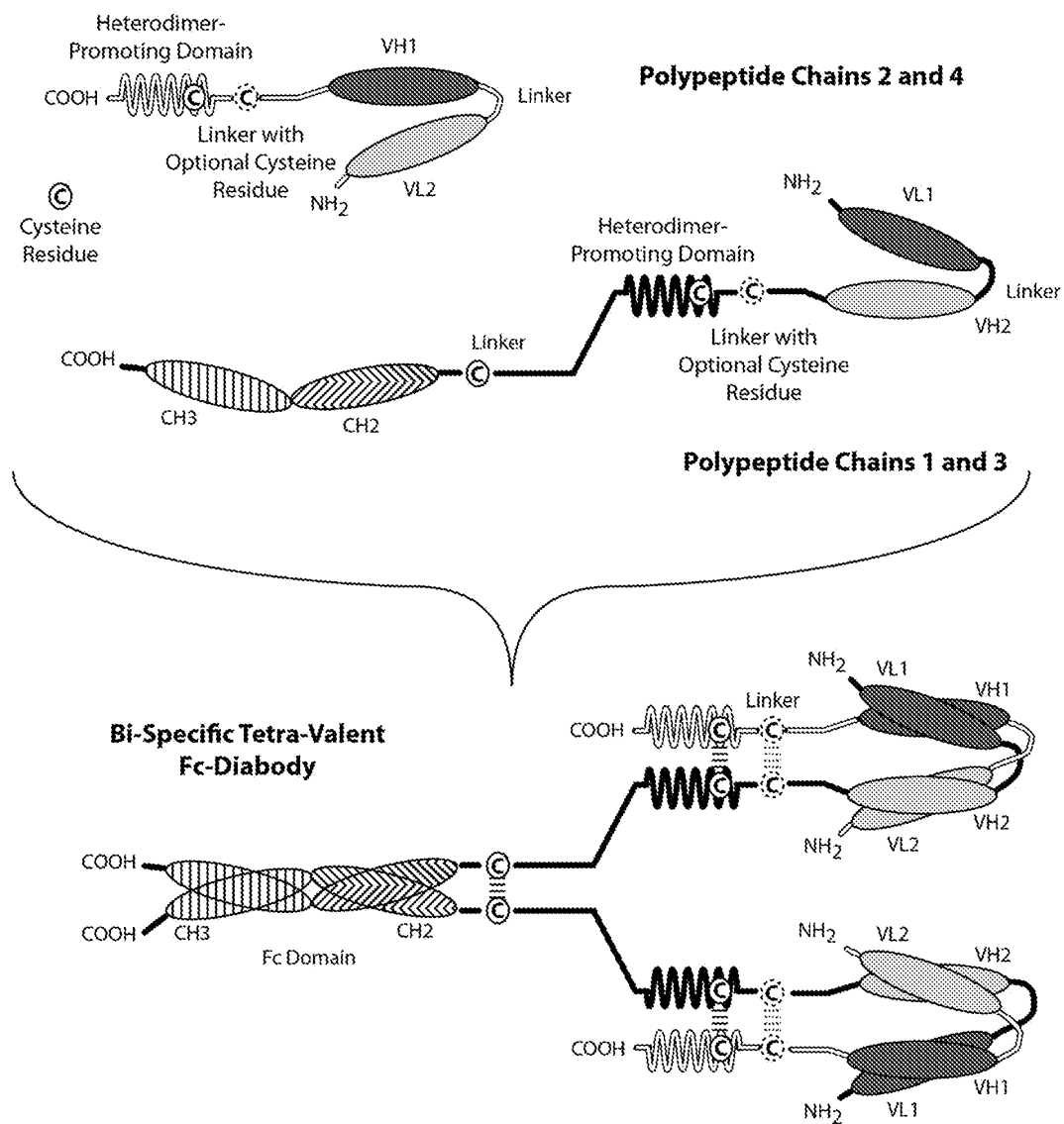
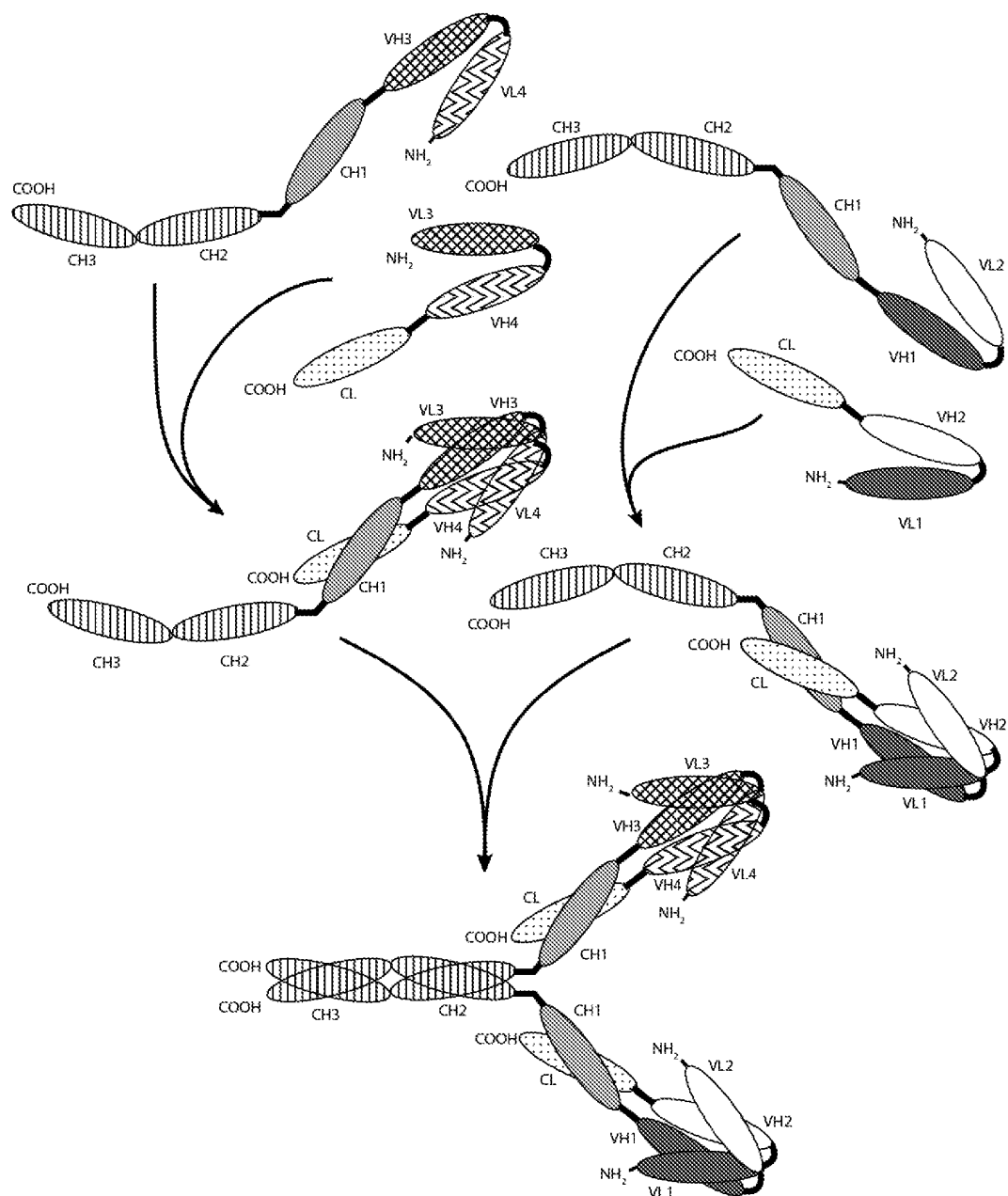
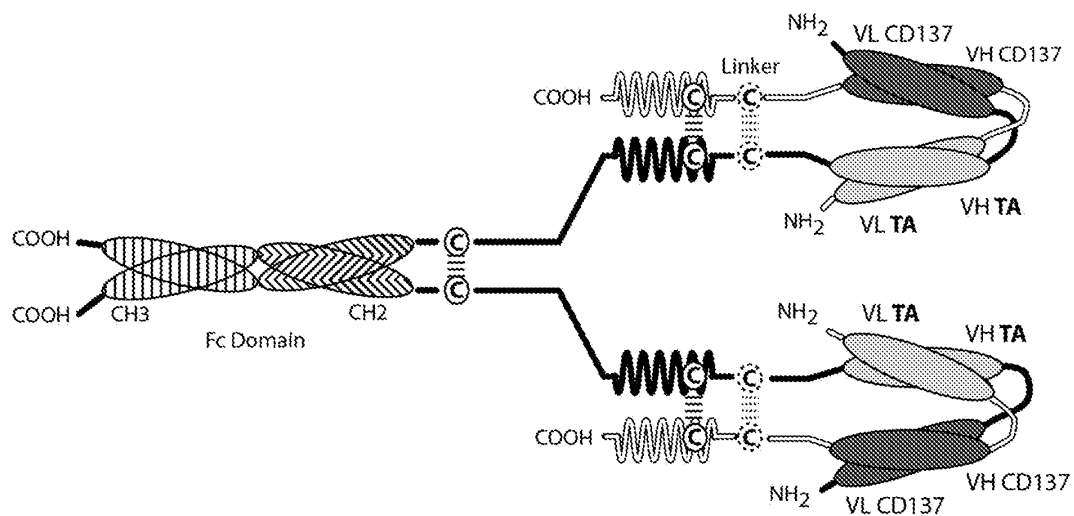
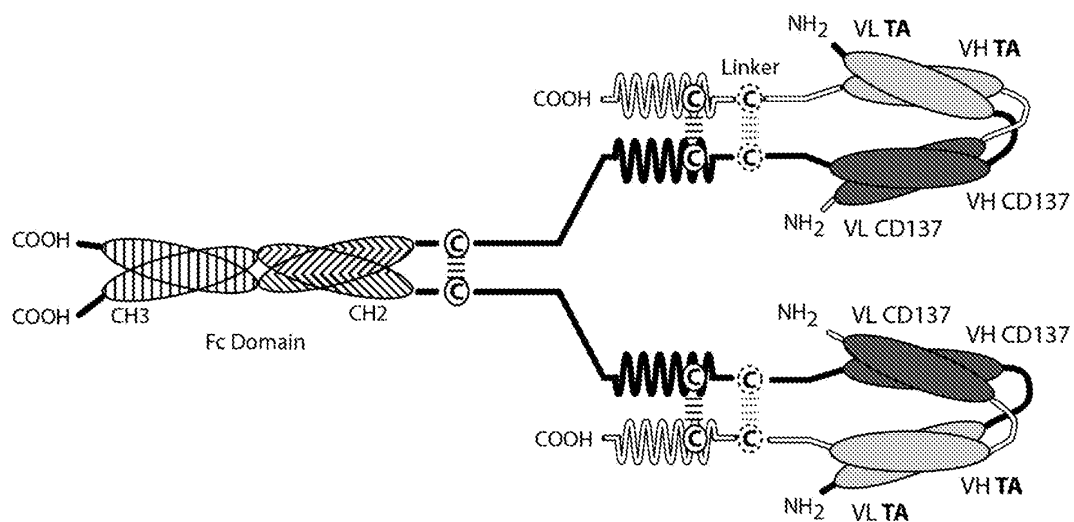
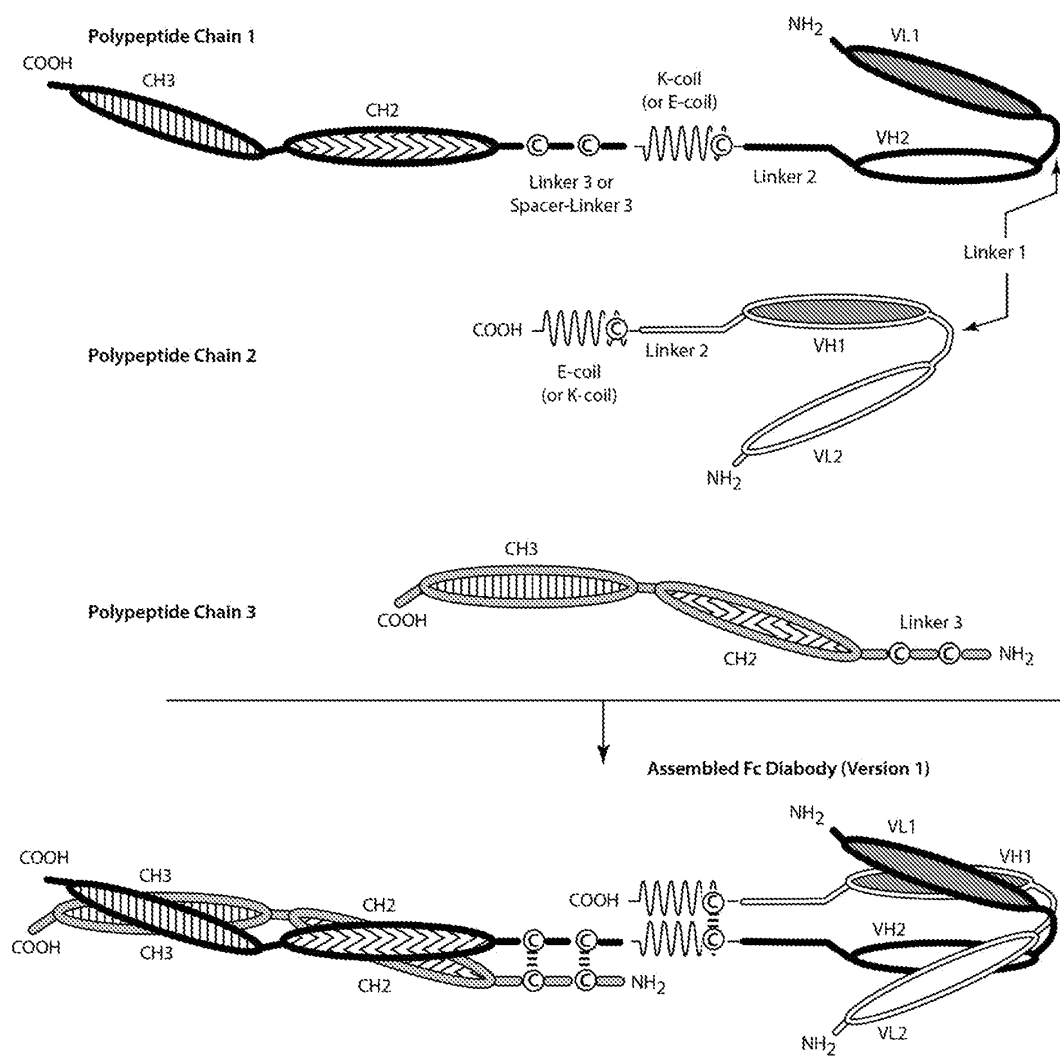


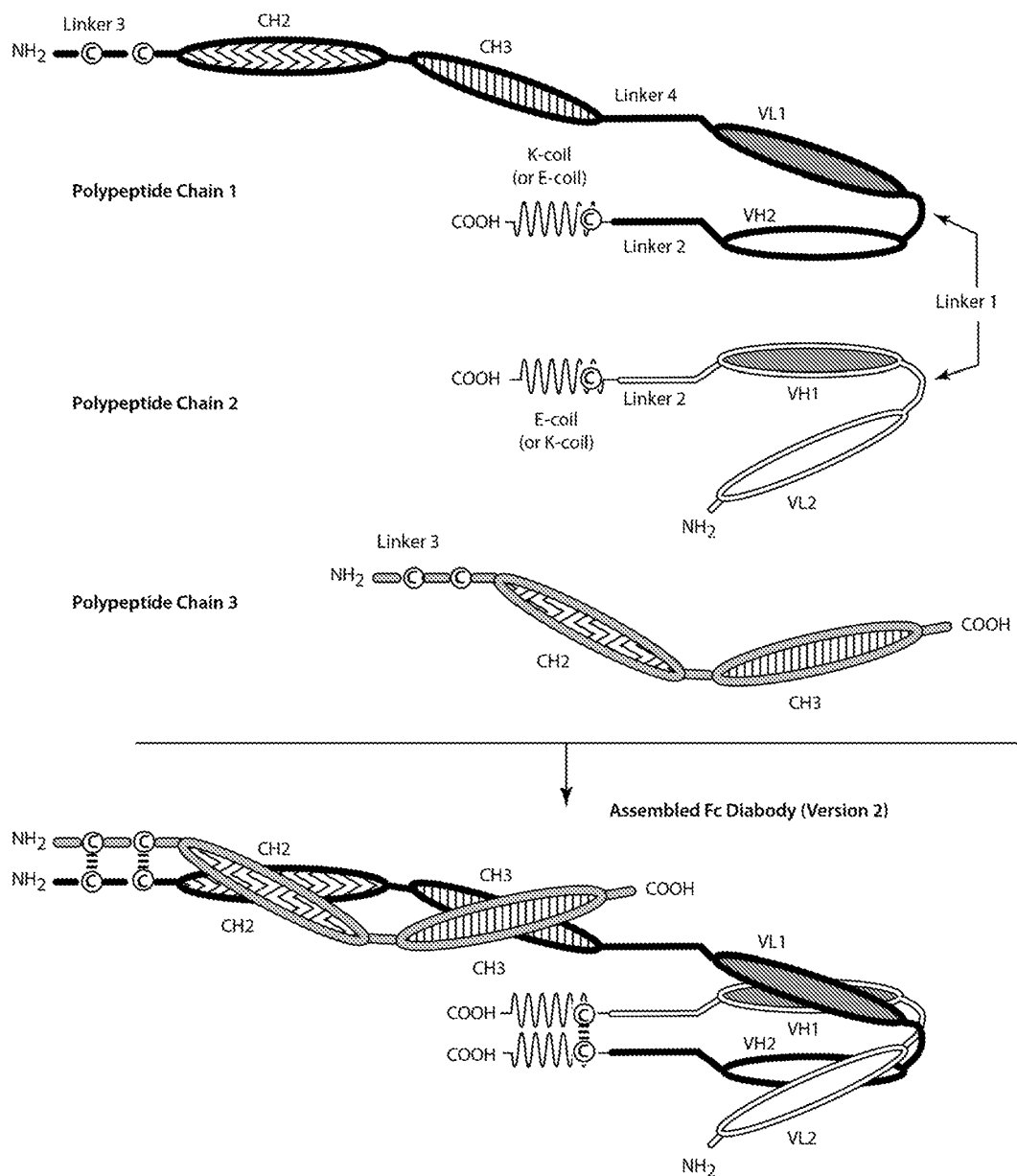
Figure 3B

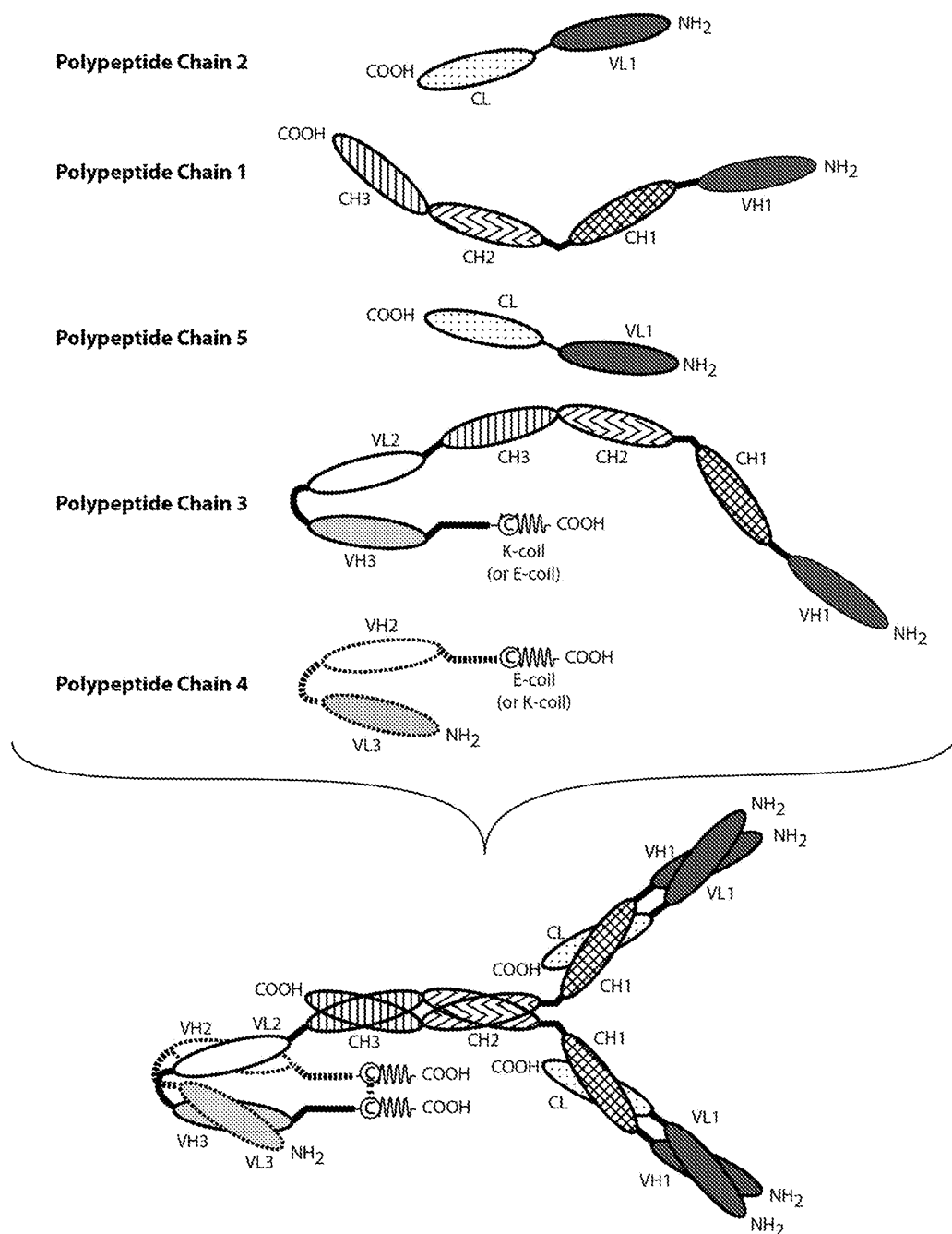
**Figure 3C**

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**Figure 3D****Figure 3E**

**Figure 4A**

**Figure 4B**

**Figure 5A**

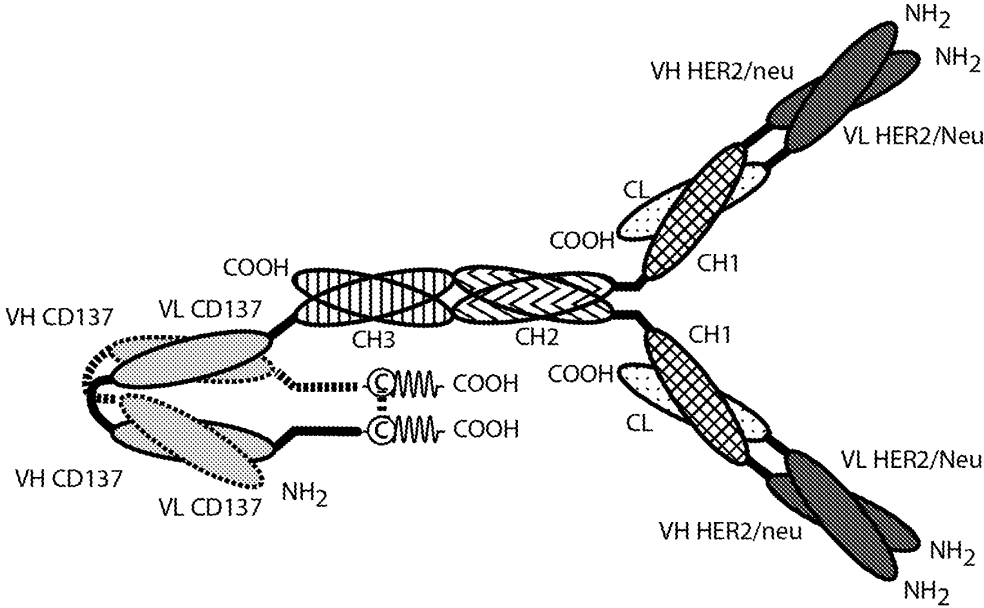


Figure 5B

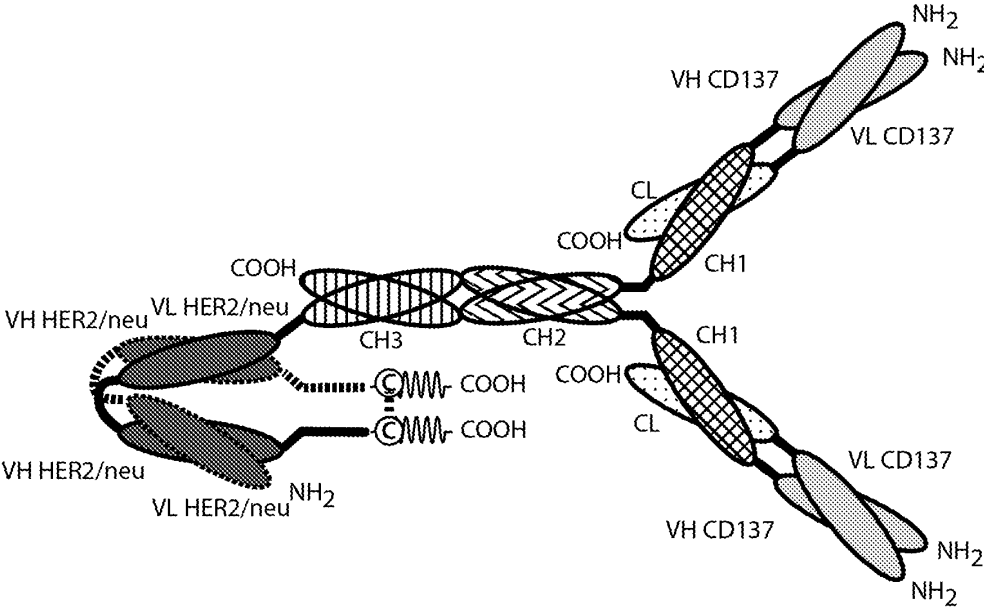
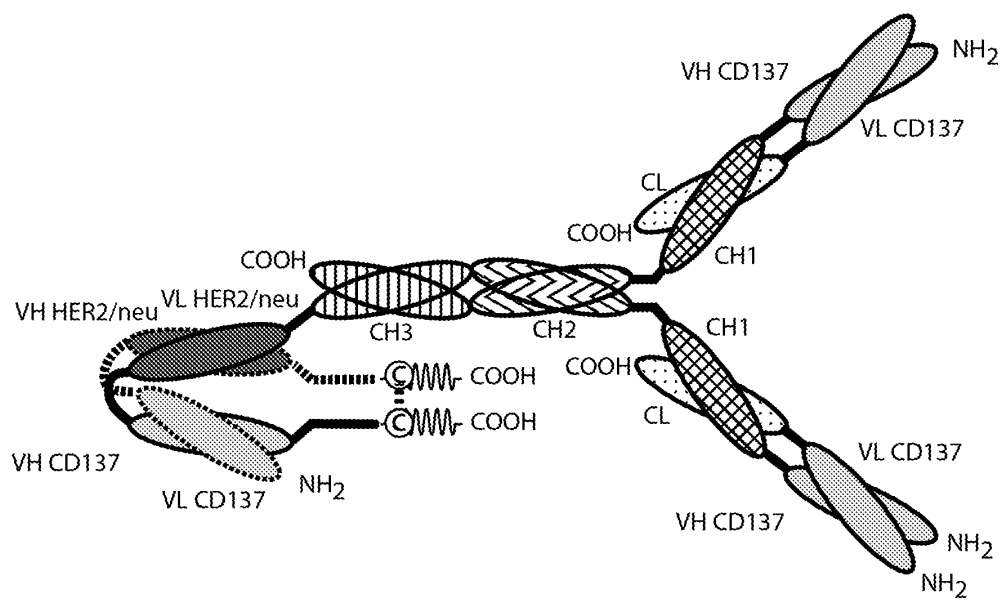


Figure 5C

**Figure 5D**

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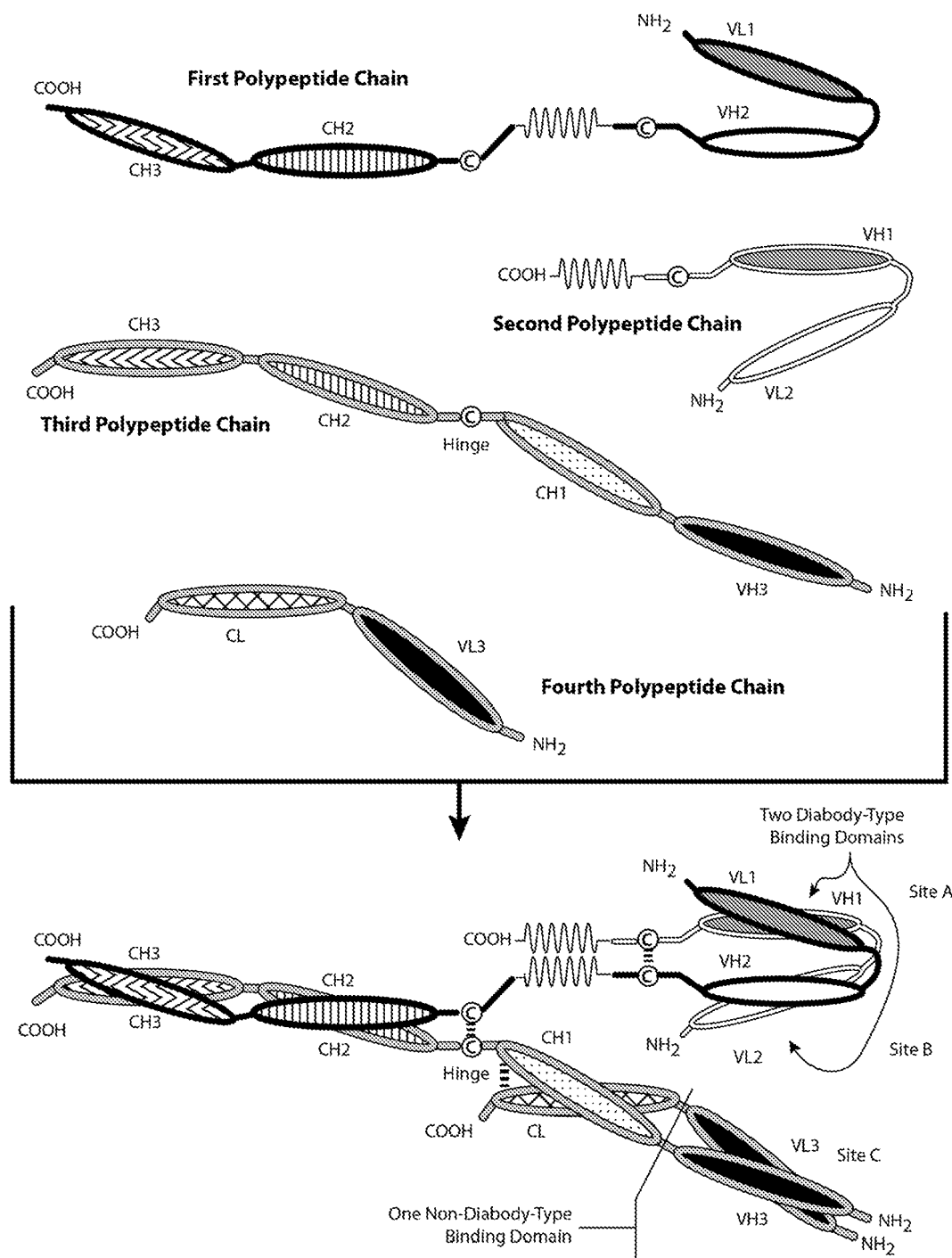


Figure 6A

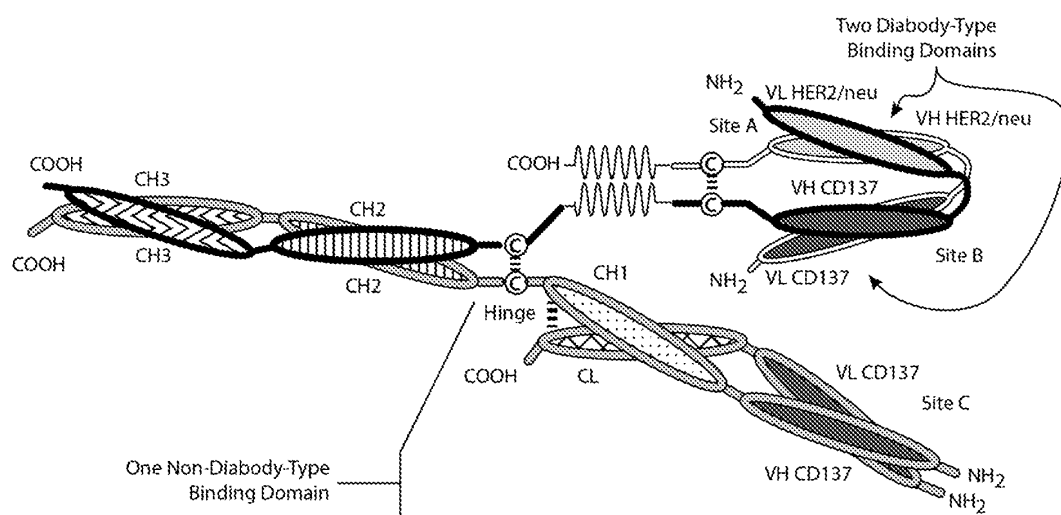


Figure 6B

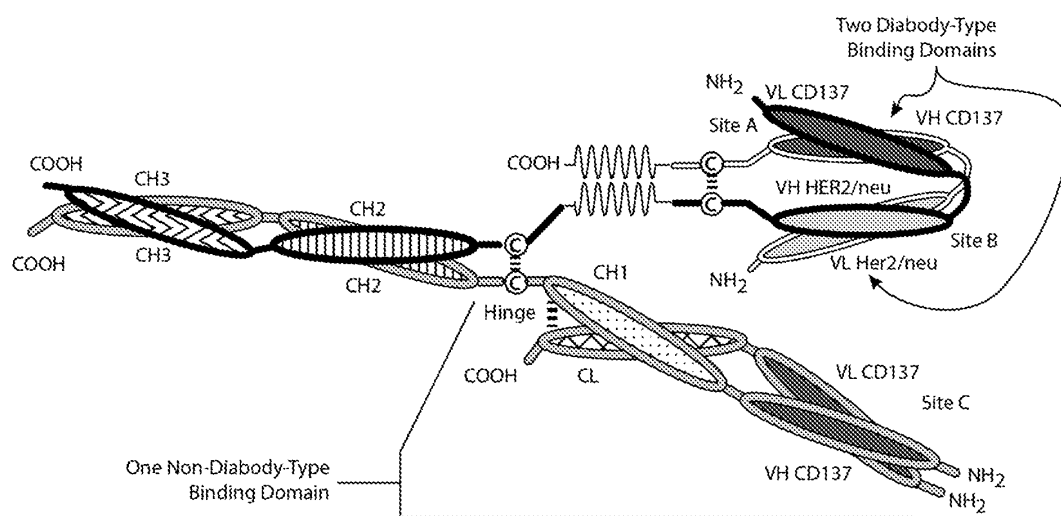
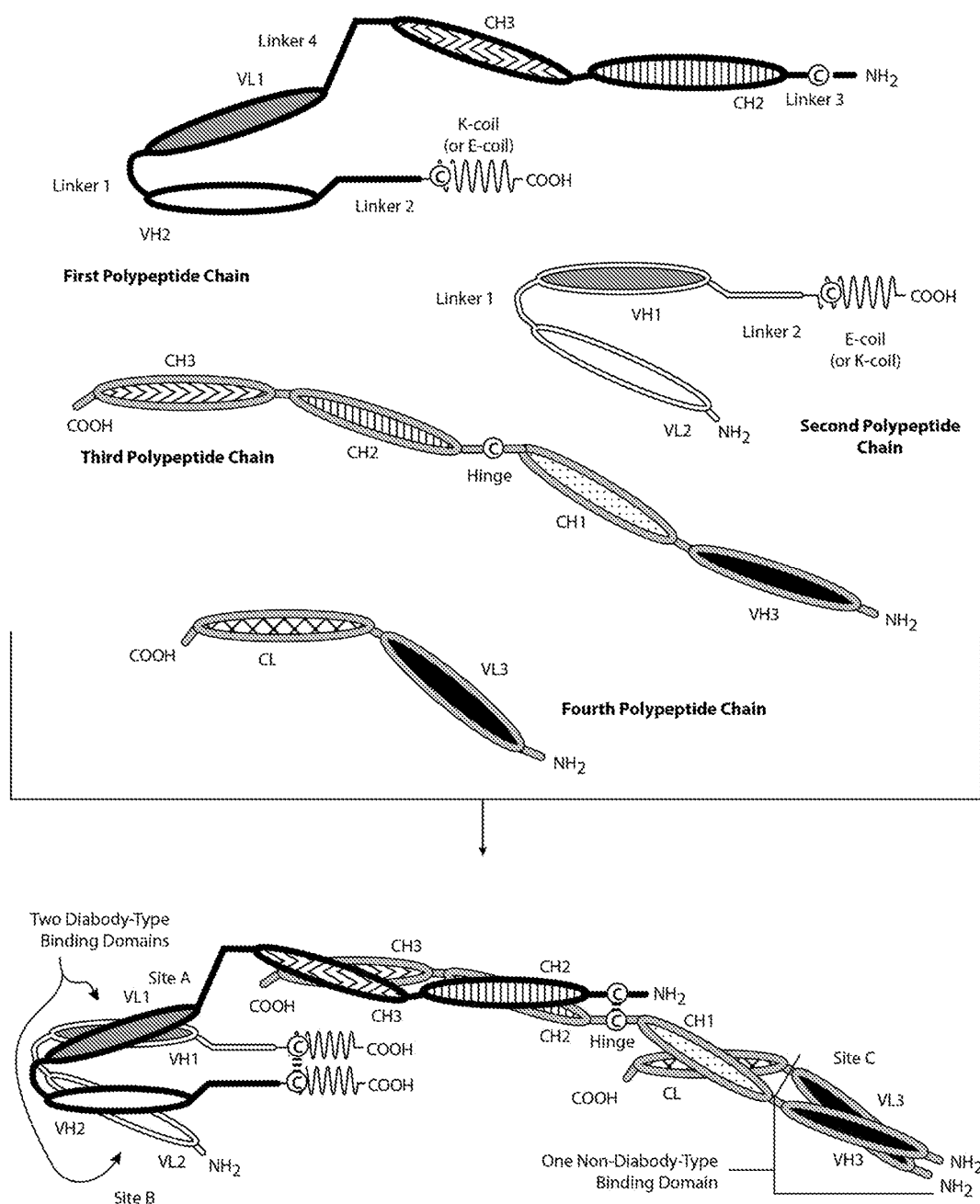
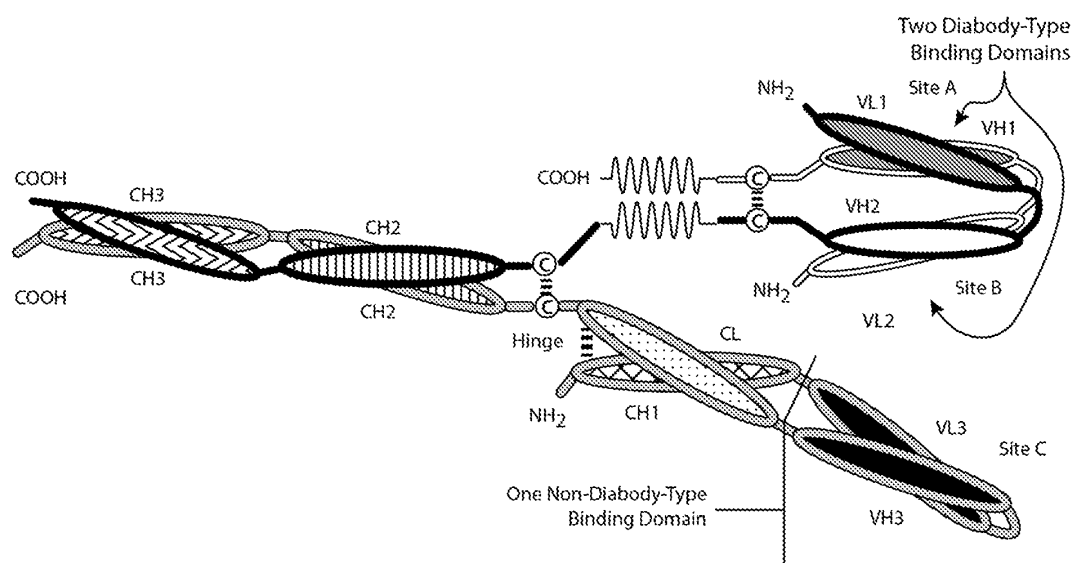
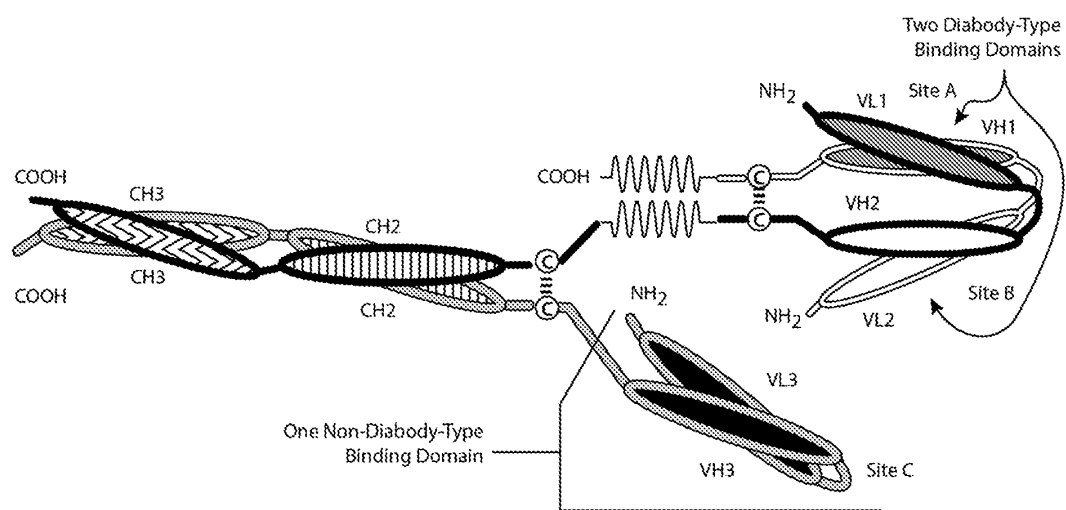
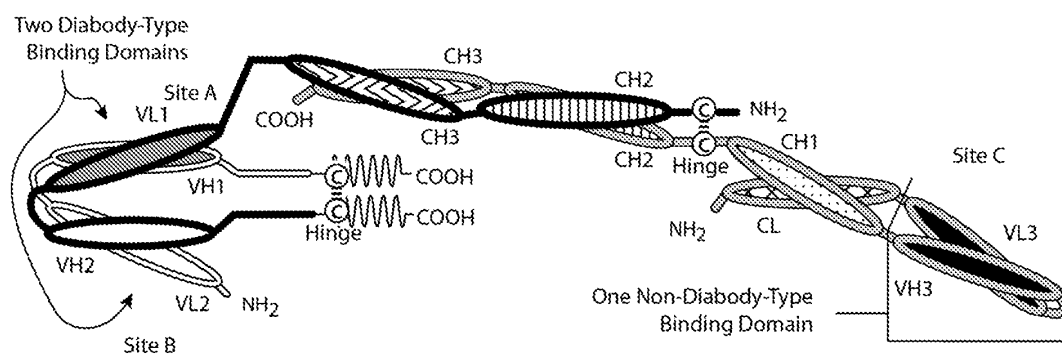
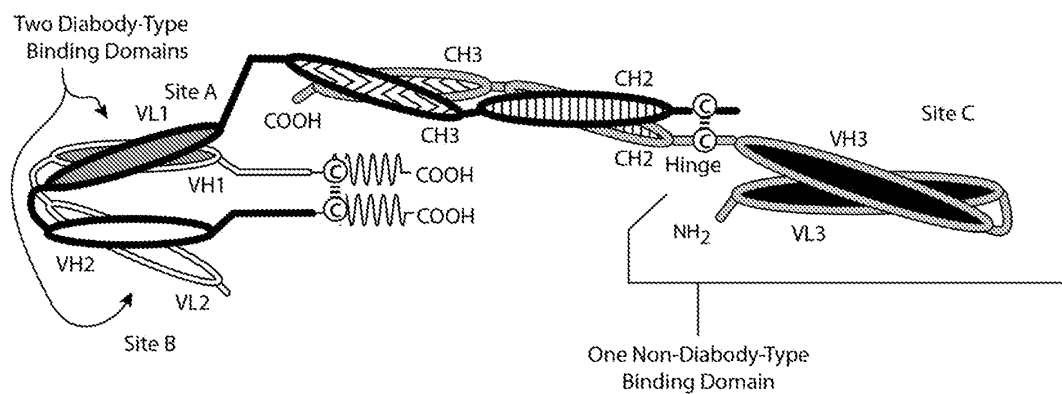


Figure 6C

**Figure 6D**

**Figure 6E****Figure 6F**

**Figure 6G****Figure 6H**

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Activated Pan T /CD8⁺
(Anti-hFc for Detection)

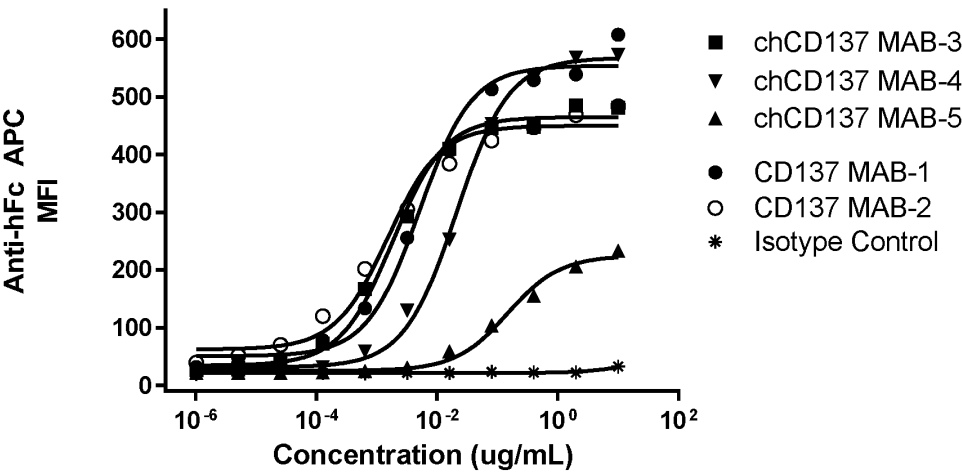


Figure 7

IL-2 Induction by Pan T Cells under Stimulation by Dry-coated
 α hCD3 (3 μ g/mL-50 μ L/well) $\pm$ α CD137 Abs Crosslinked with 4x α hFc(Fab)'2, 72-Hour

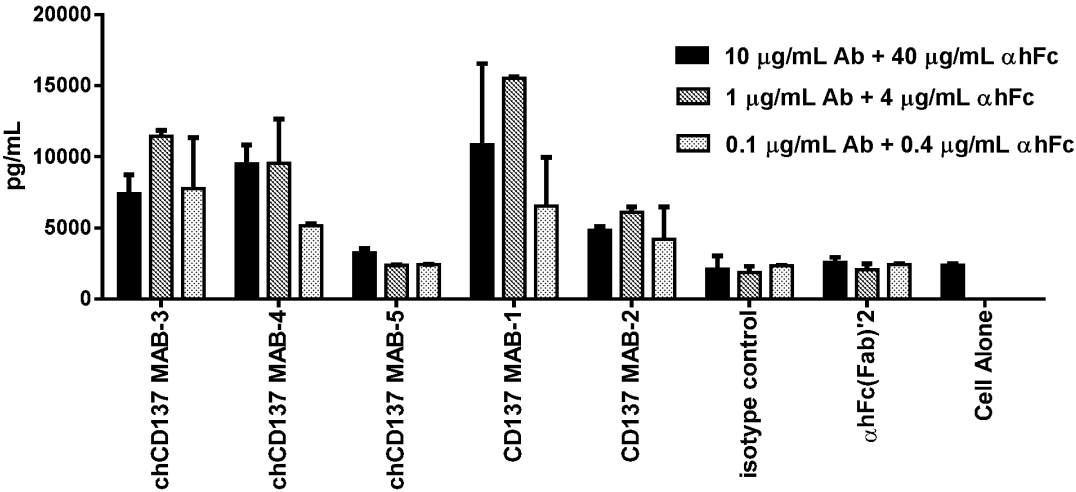


Figure 8

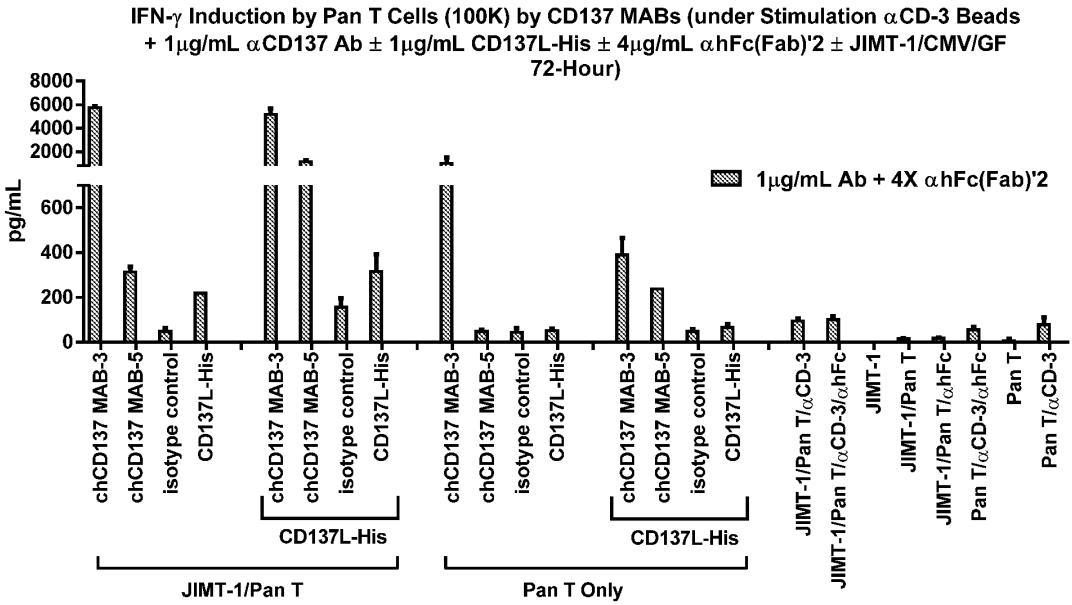


Figure 9

DART Binding to Activated Pan T Cells

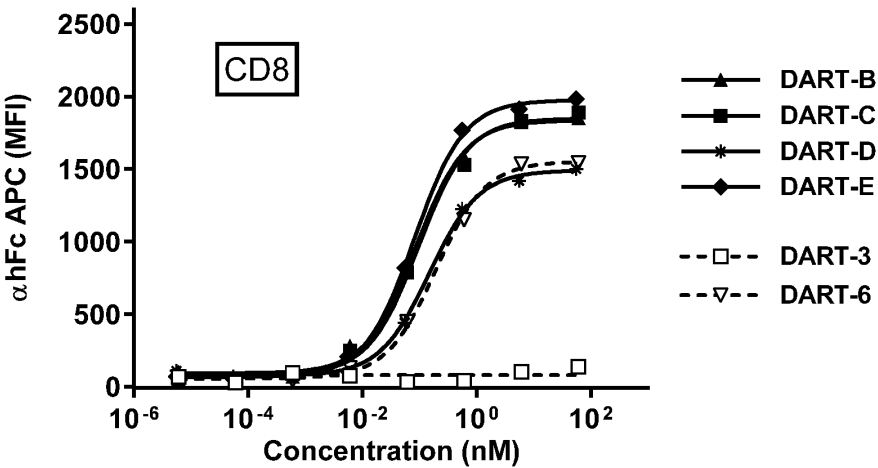


Figure 10A

DART Binding to Activated Pan T Cells

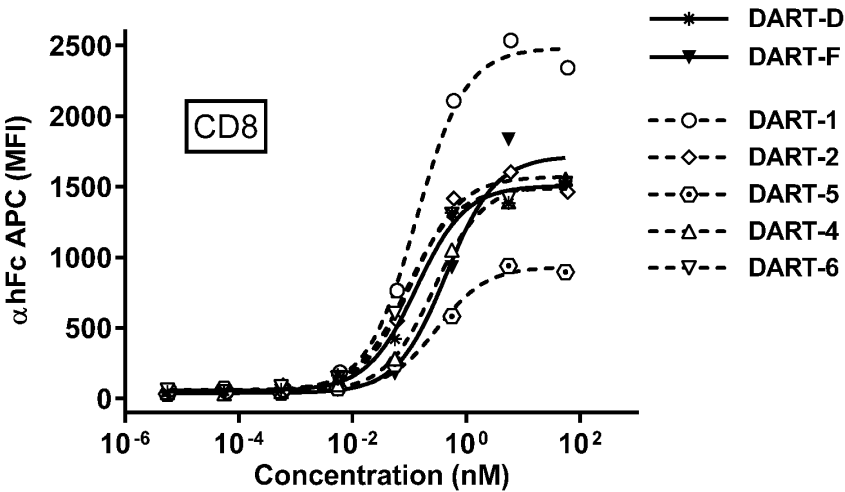


Figure 10B

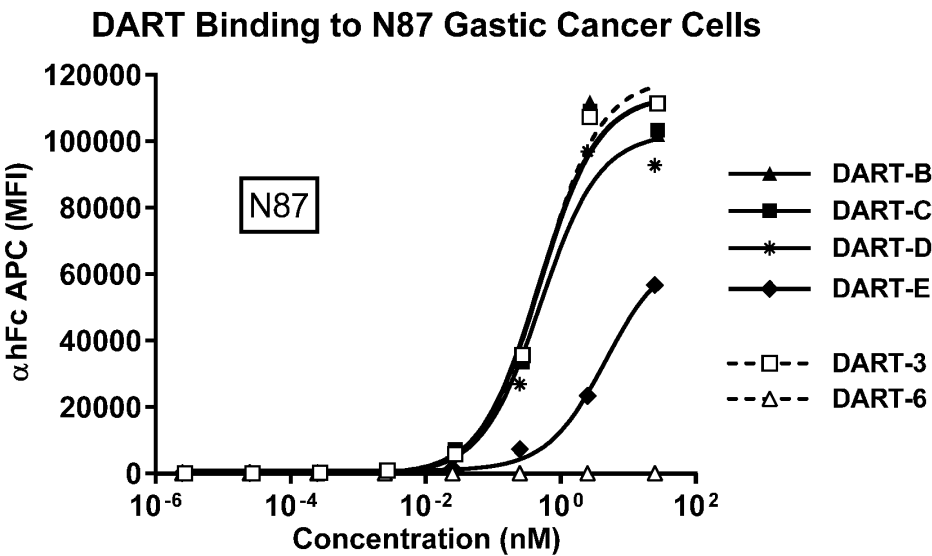


Figure 11A

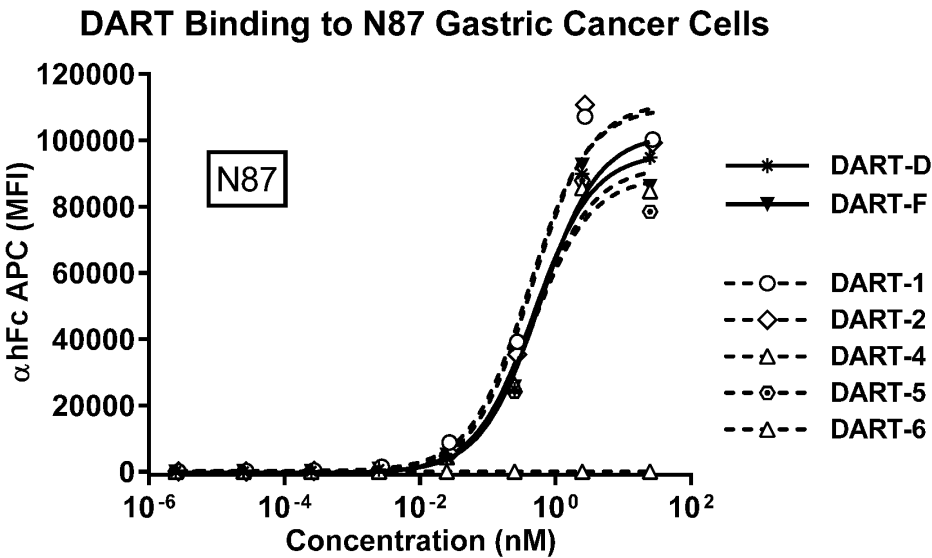


Figure 11B

DART Binding to CD137 of CHO/137 Cells
FACS (α hFc APC)

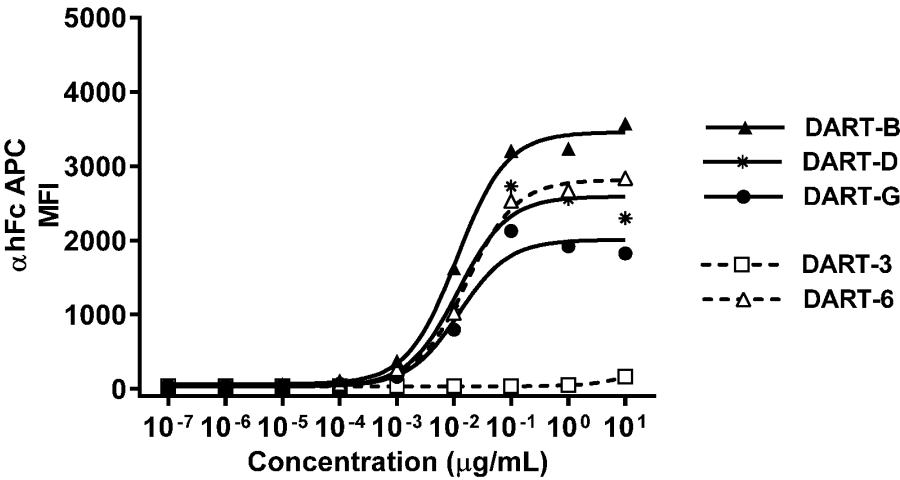


Figure 12A

DART Binding to Activated CD8⁺ T Cells
FACS (CD8 FITC / α hFc APC)

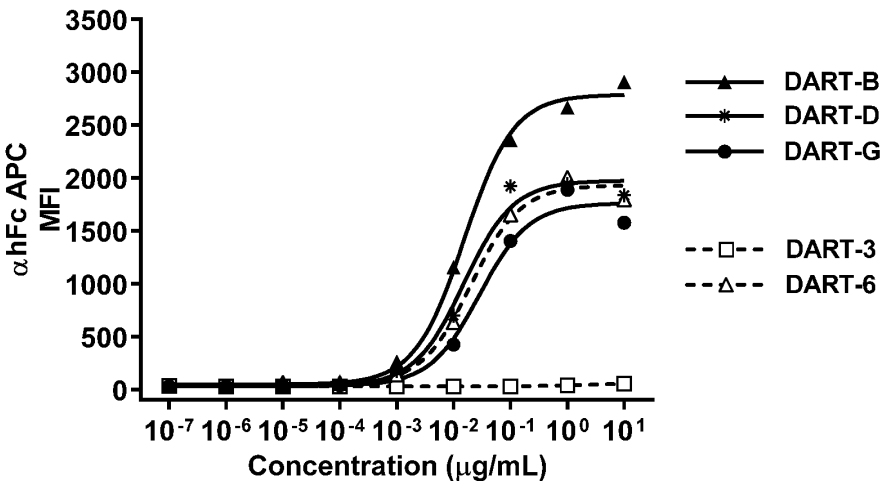


Figure 12B

DART Binding to N87 Cells
FACS (α hFc APC)

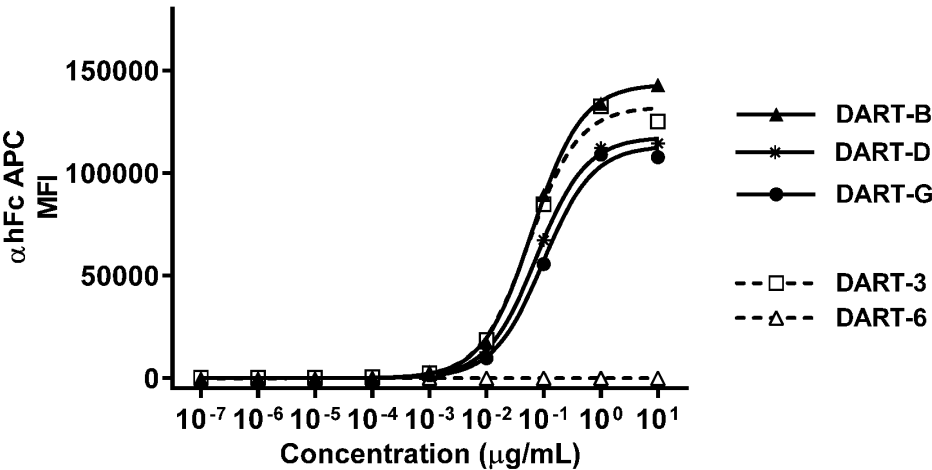


Figure 13A

DART Binding to JIMT-1
FACS (α hFc APC)

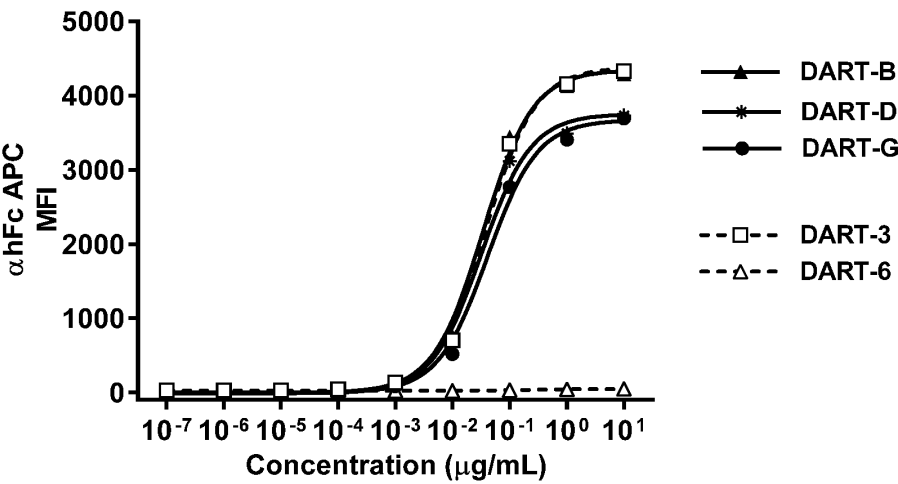


Figure 13B

IFN- γ Induction by Pan T Cells (100K) under Stimulation α CD3 Beads (Beads/T = 1:1) $\pm$ HER2 x CD137 diabodies + N87 (10K/Preseeded), 72-Hour

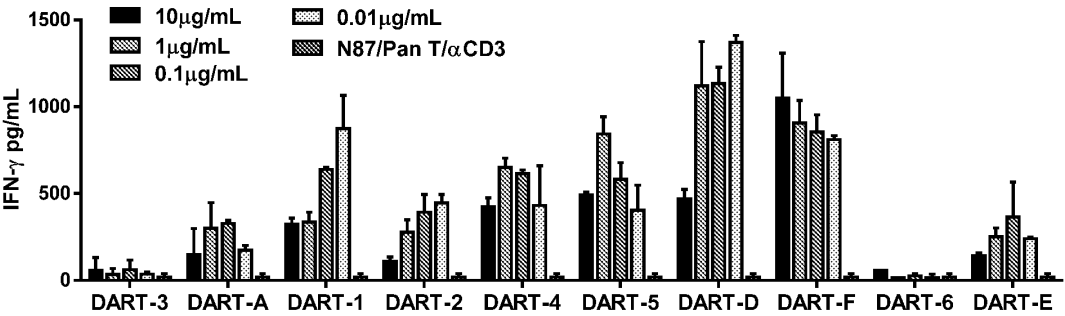


Figure 14A

IFN- γ Induction by Pan T Cells (100K) under Stimulation α CD3 Beads (Beads/T = 1:1) $\pm$ HER2 x CD137 diabodies + JIMT-1/GF (10K/Preseeded), 72-Hour

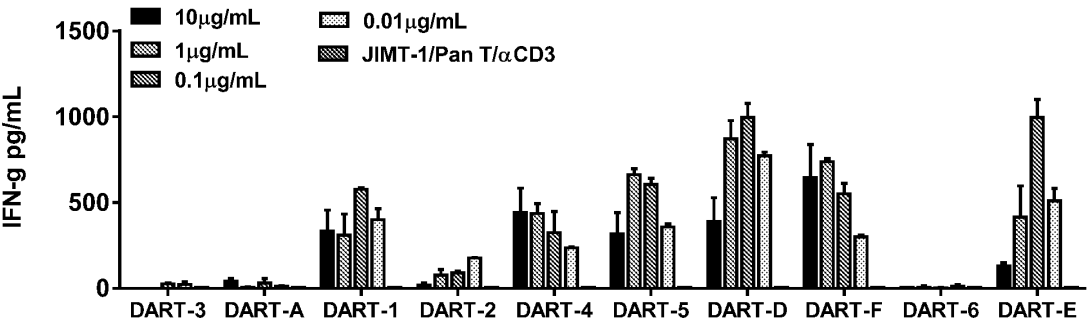


Figure 14B

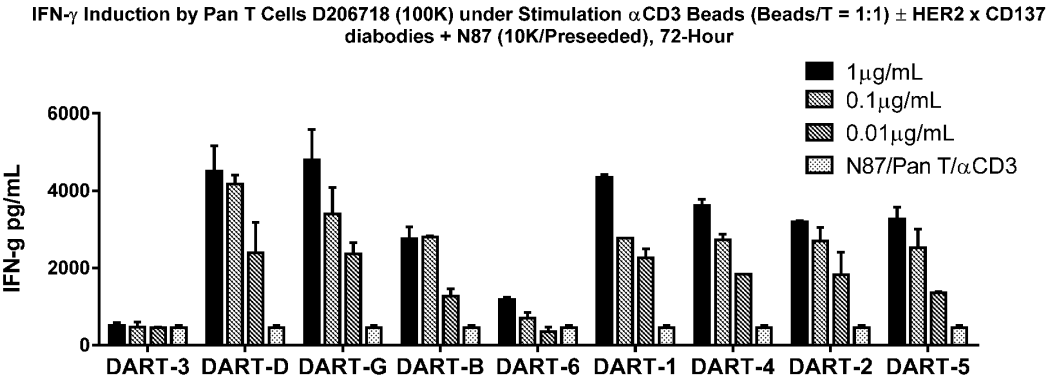


Figure 15A

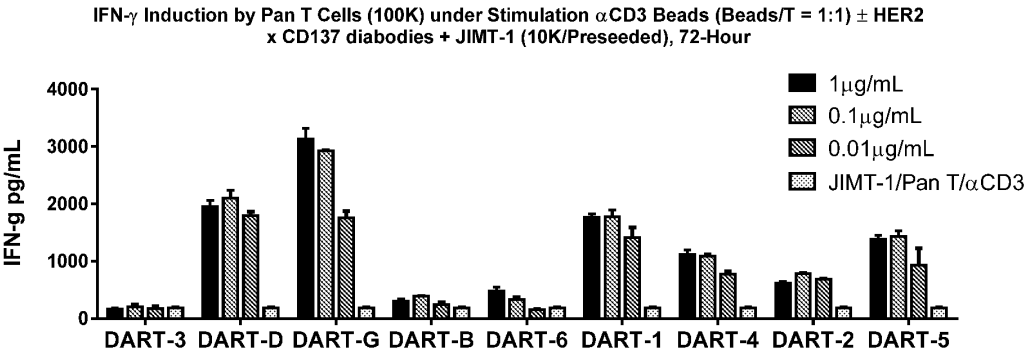


Figure 15B

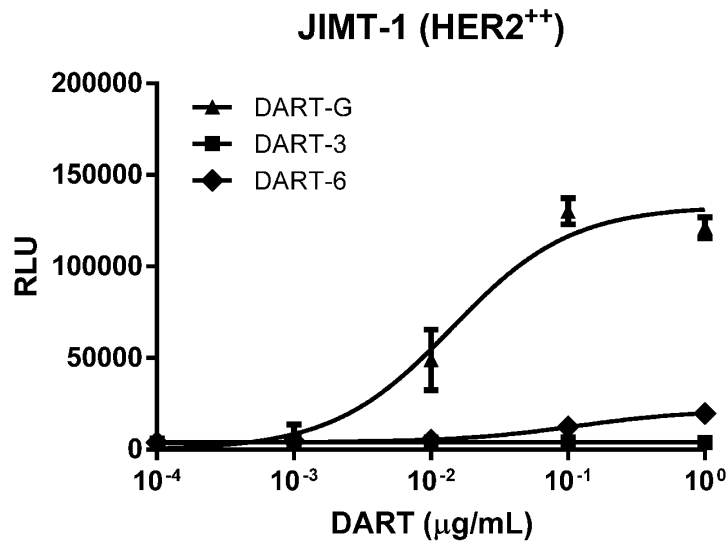


Figure 16A

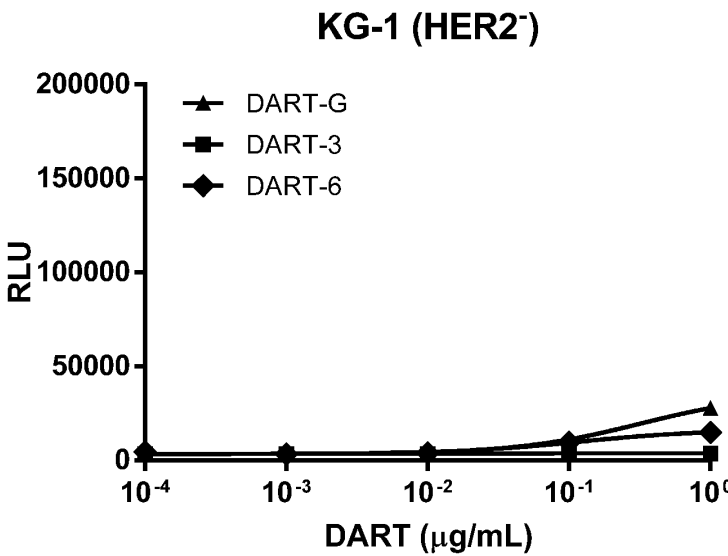


Figure 16B

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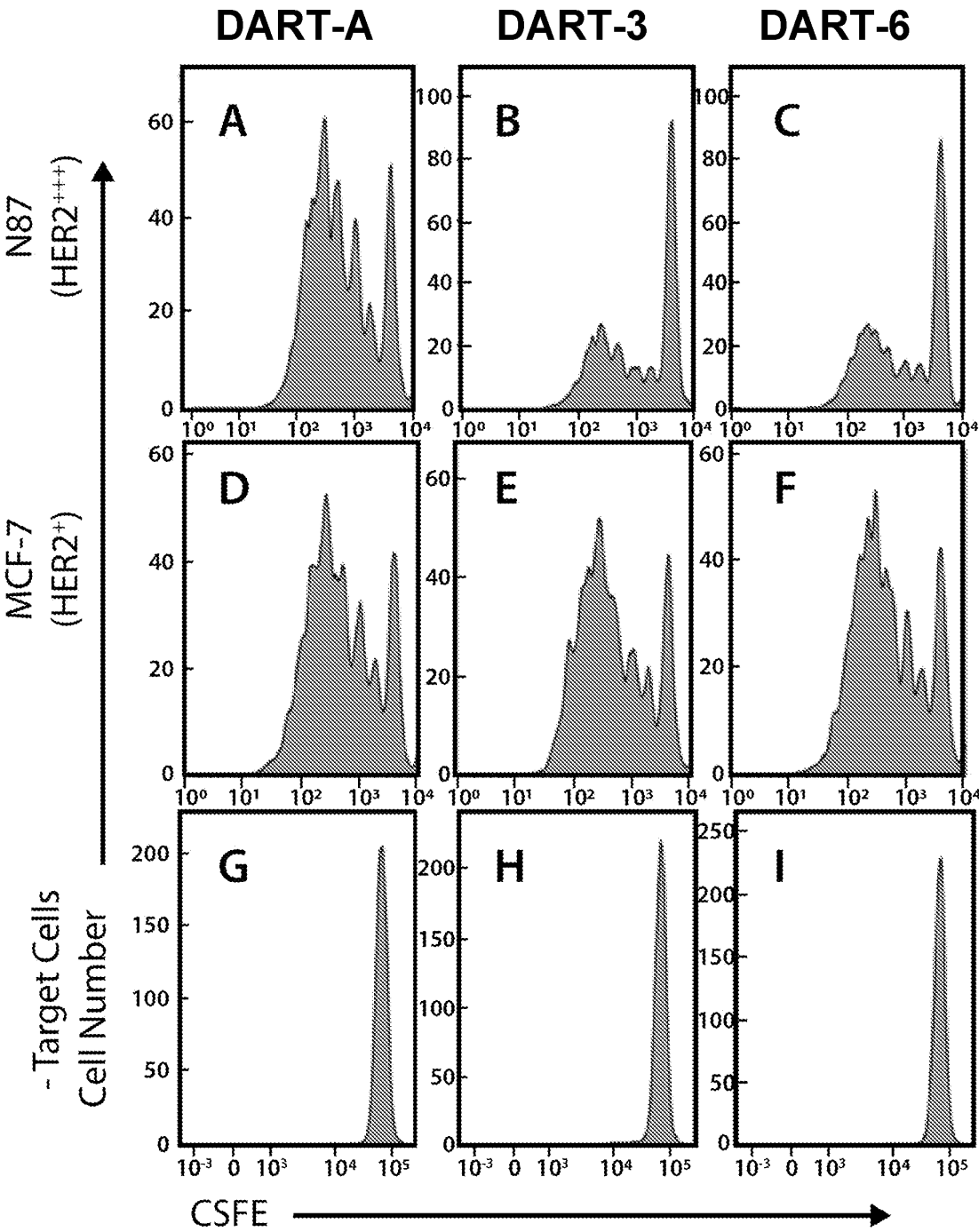


Figure 17, Panels A-I

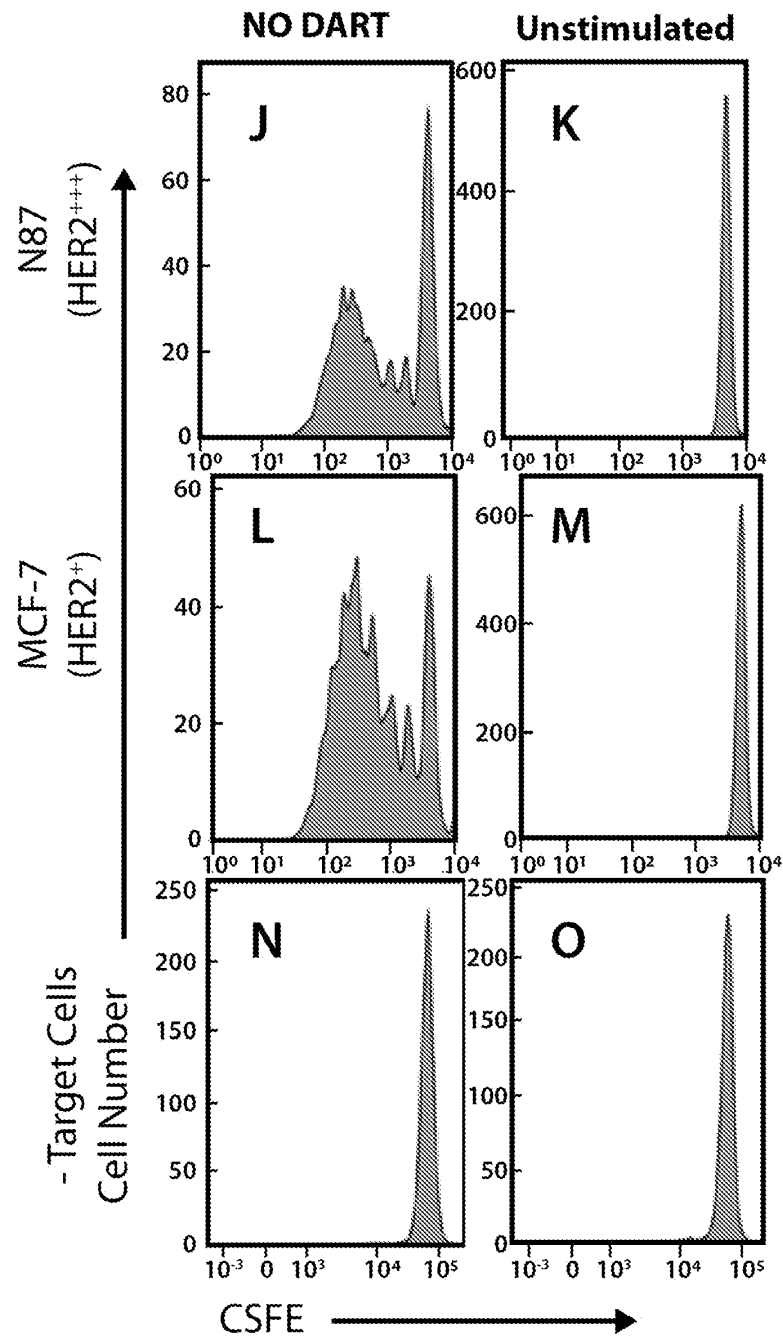


Figure 17, Panels J-O

Margetuximab-Mediated ADCC Activity Against N87/Luc Cells

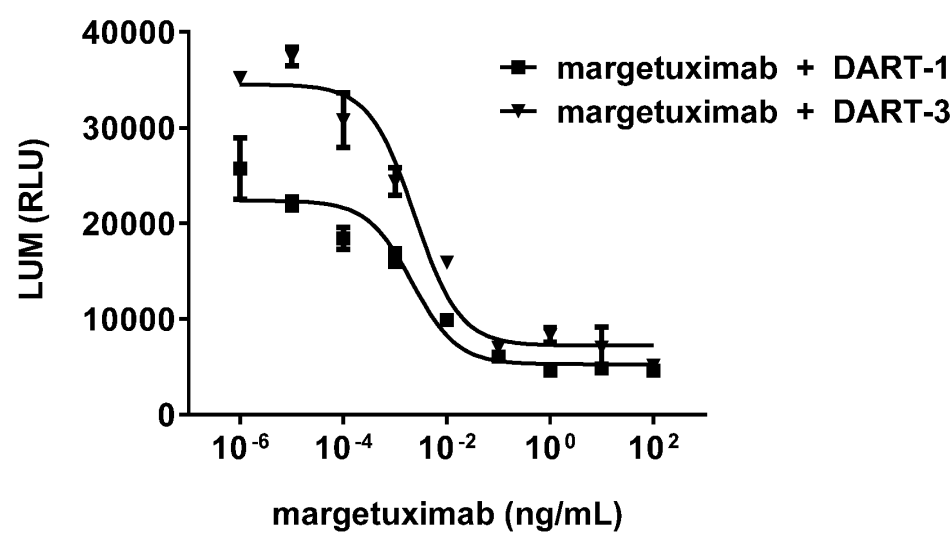


Figure 18A

Margetuximab-Mediated NK CD69 Upregulation

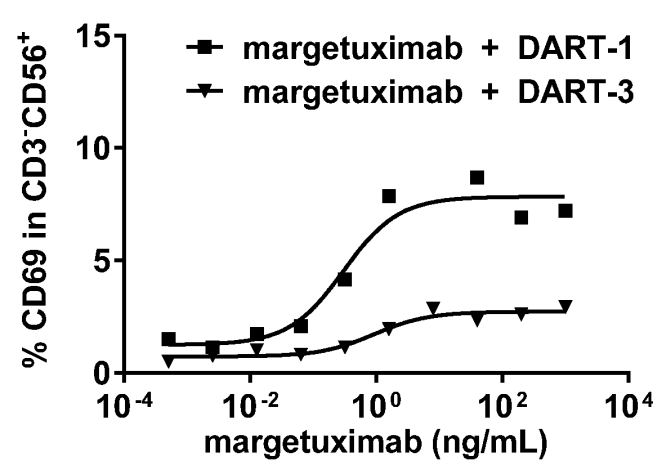


Figure 18B

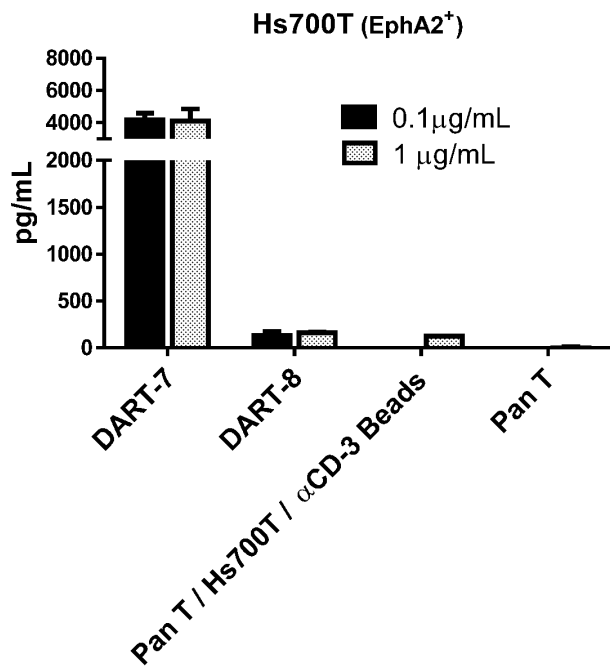


Figure 19A

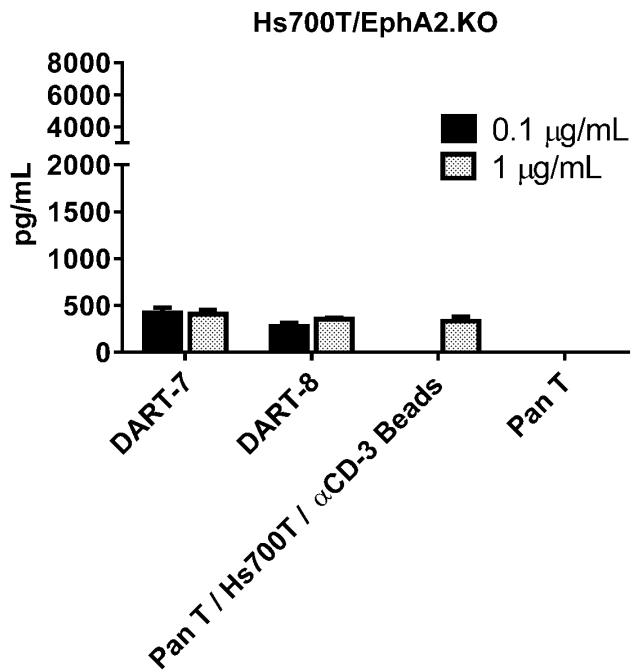


Figure 19B

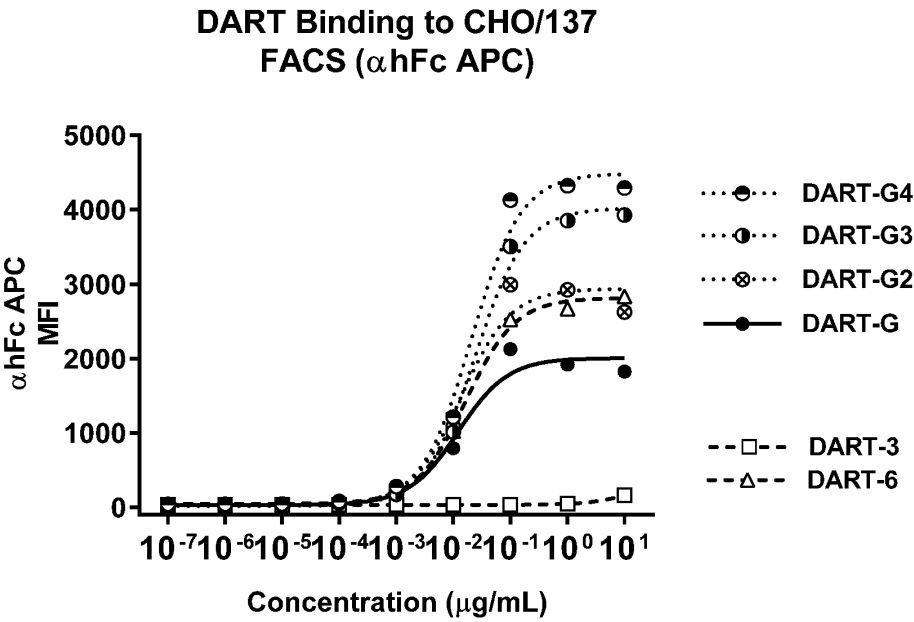


Figure 20A

DART Binding to Activated CD8⁺ T D53781
FACS (CD8 FITC / α hFc APC)

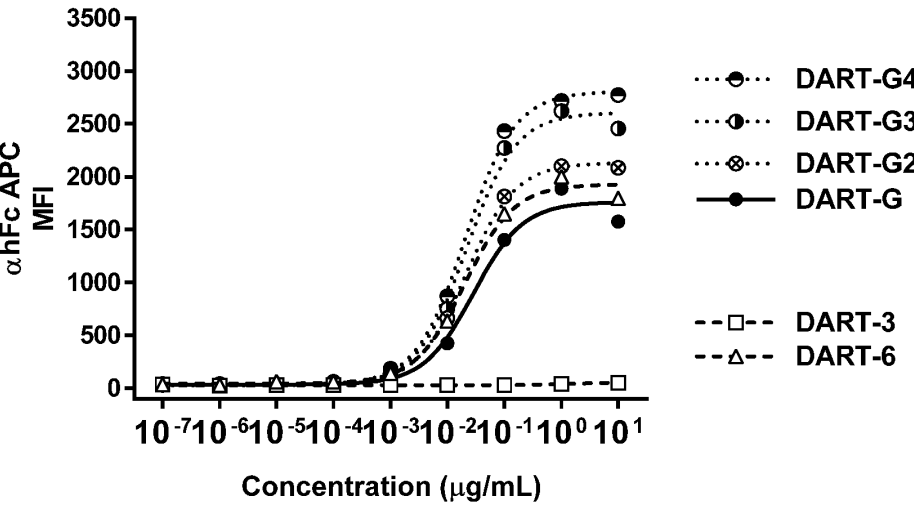


Figure 20B

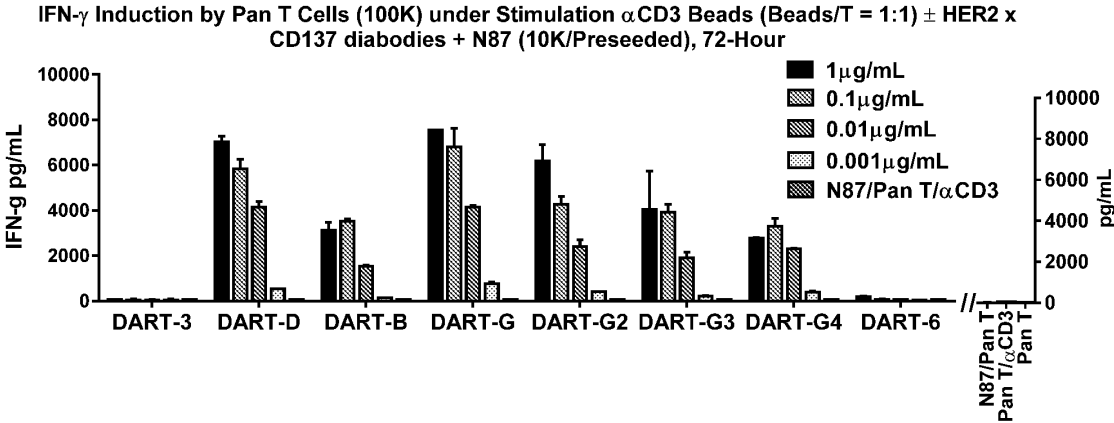


Figure 21A

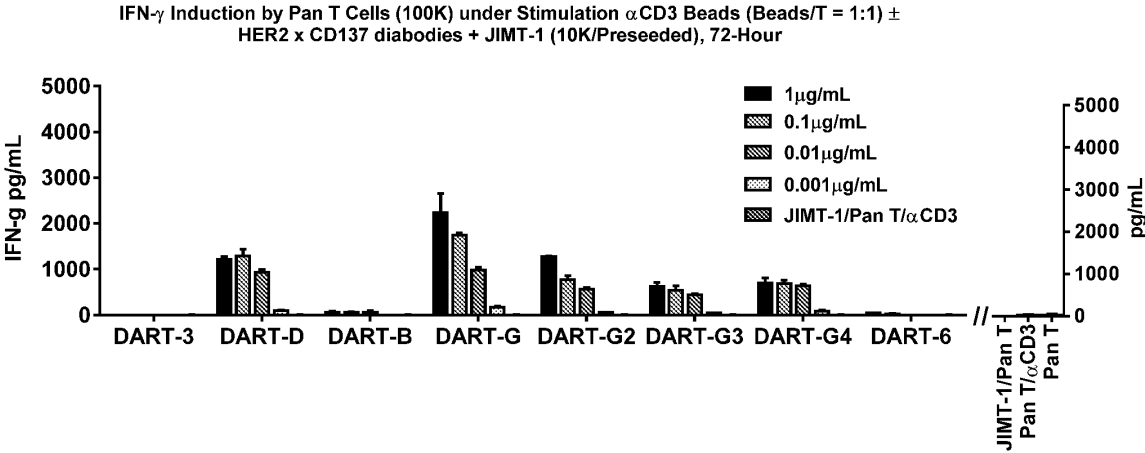


Figure 21B

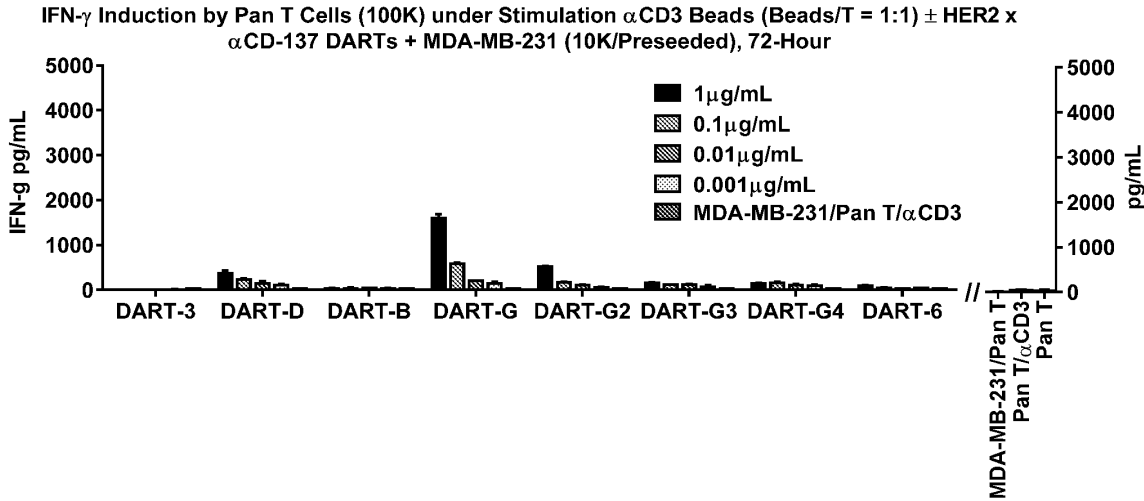


Figure 21C

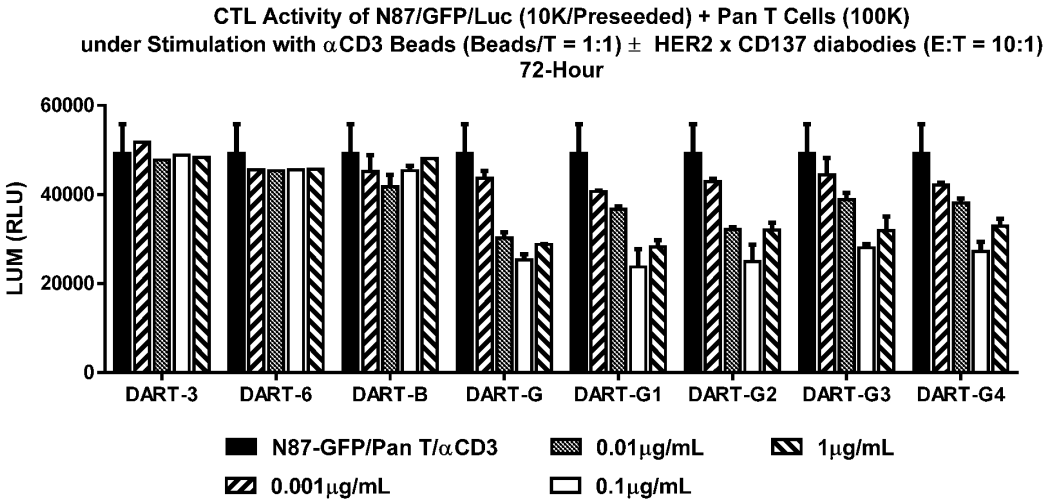


Figure 22

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Binding to N87
FACS (α hFc APC)

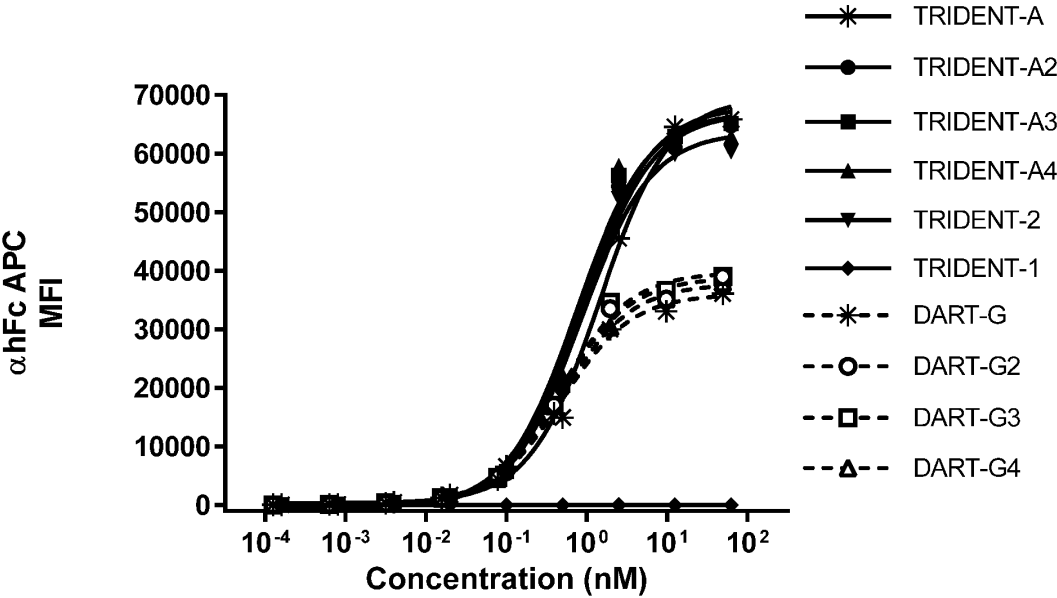


Figure 23A

Binding to JIMT-1
FACS (α hFc APC)

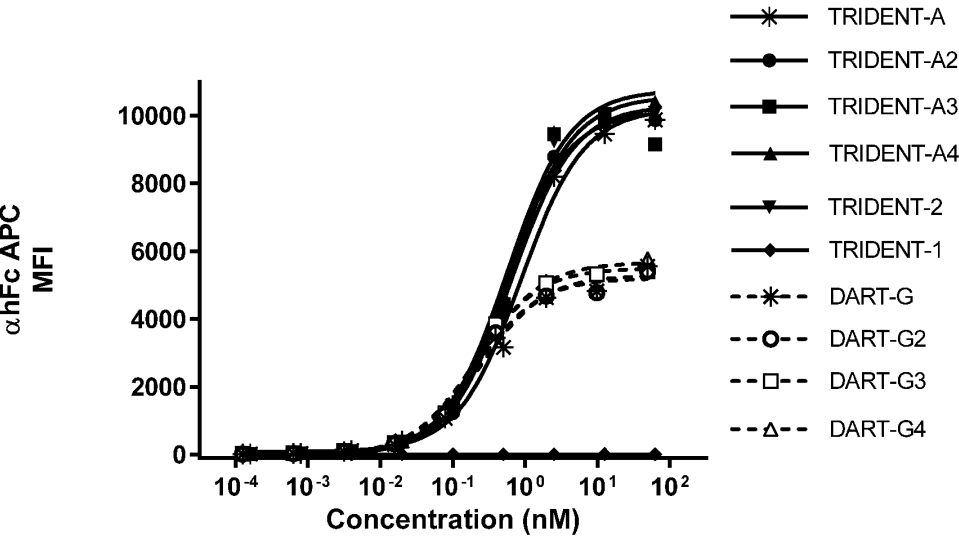


Figure 23B

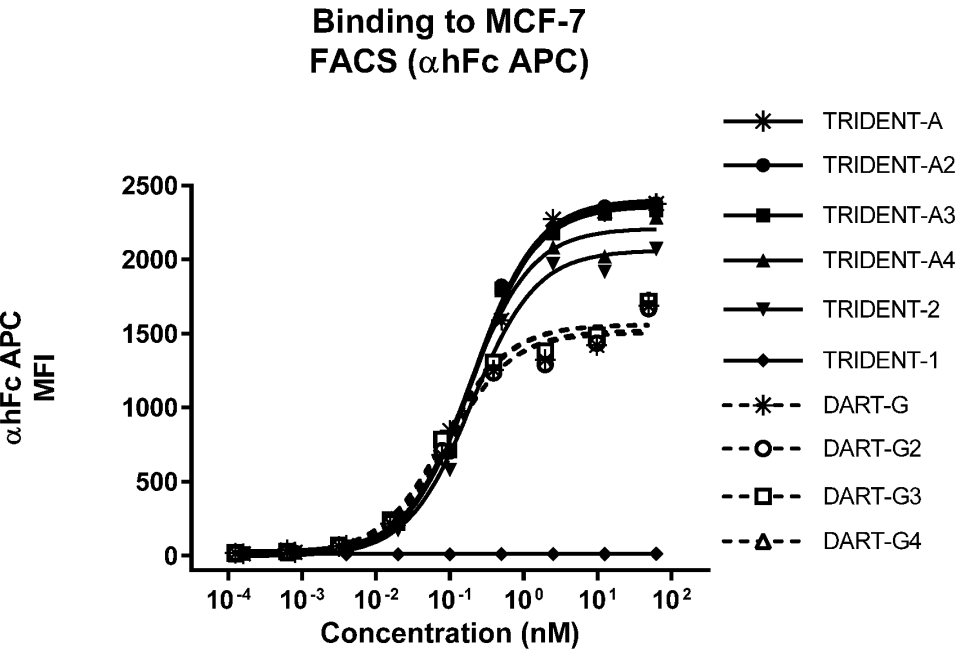


Figure 23C

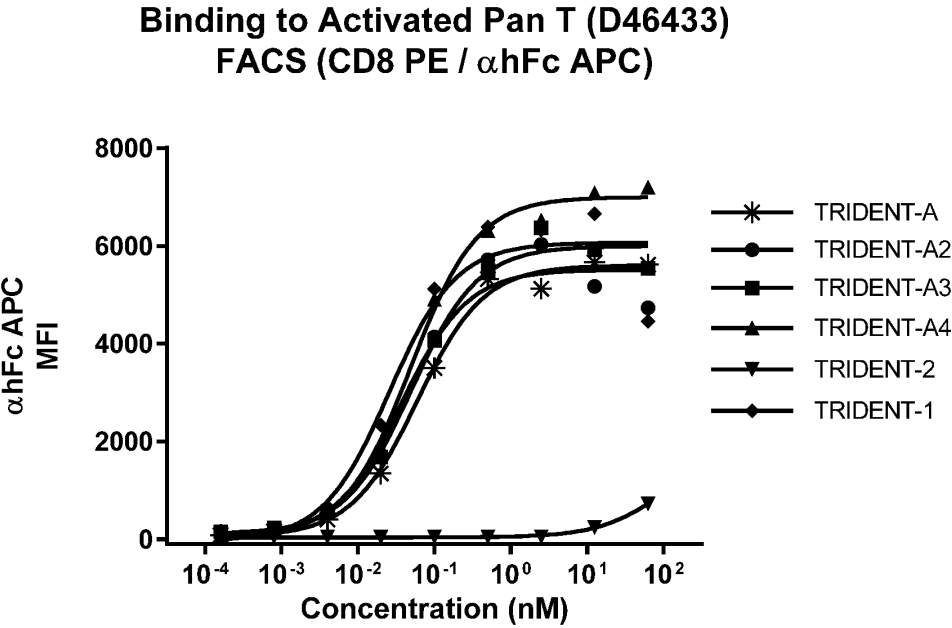


Figure 24A

Binding to Activated Pan T (D46433)
FACS (CD8 PE / α hFc APC)

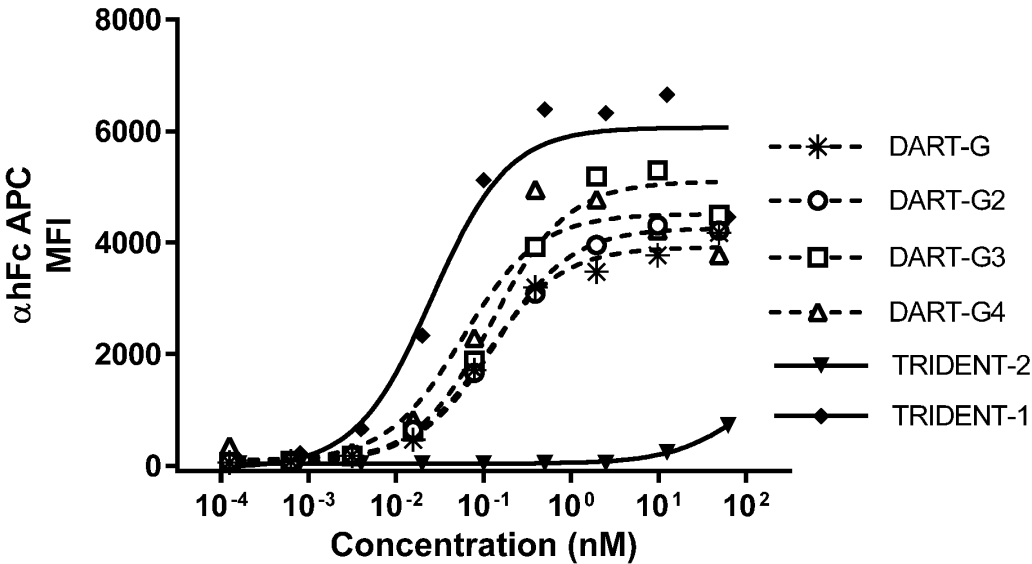


Figure 24B

Cell-Cell Conjugation Assay
CHO/CD137-PKH26 (15K) + N87-CFSE (15K) + test article

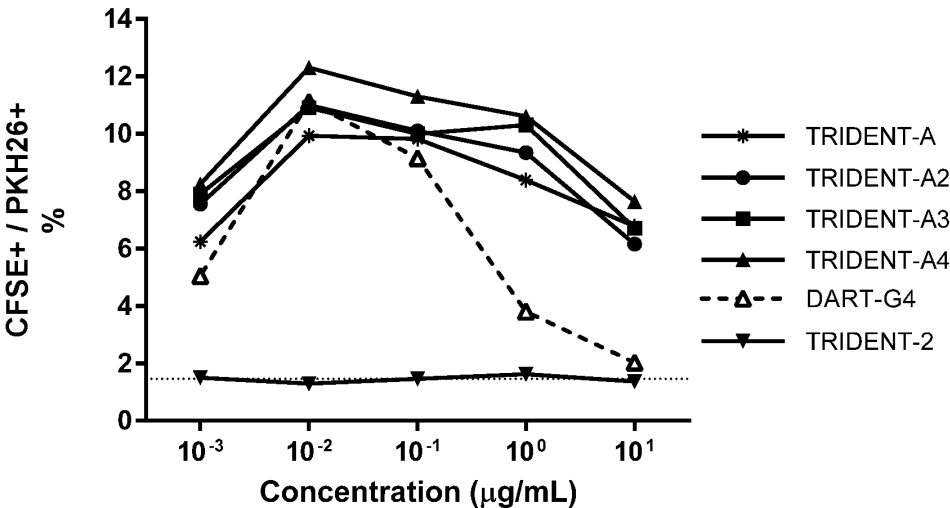


Figure 25A

Cell-Cell Conjugation Assay
CHO/CD137-PKH26 (15K) + JIMT-1-CFSE (15K) + test article

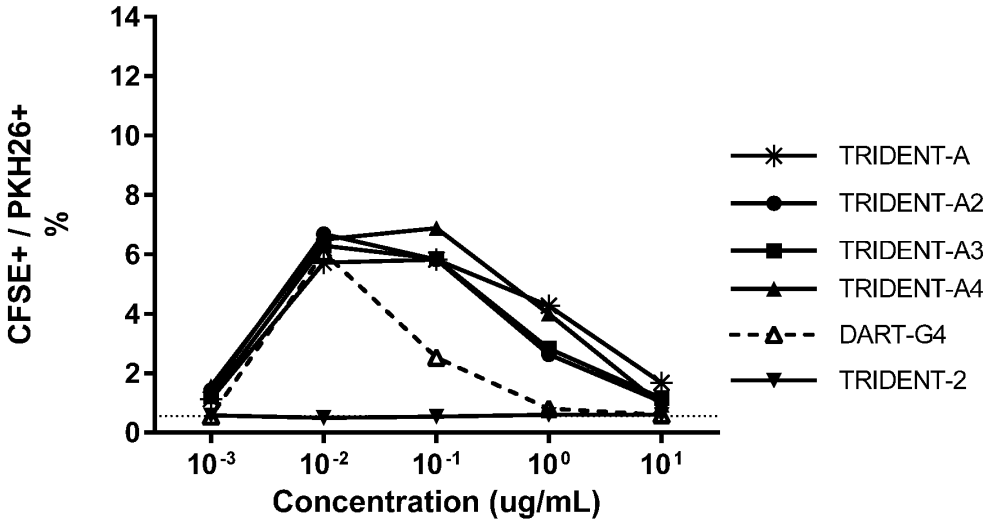


Figure 25B

Cell-Cell Conjugation Assay
CHO/CD137-PKH26 (15K) + MCF-7-CFSE (15K) + test article

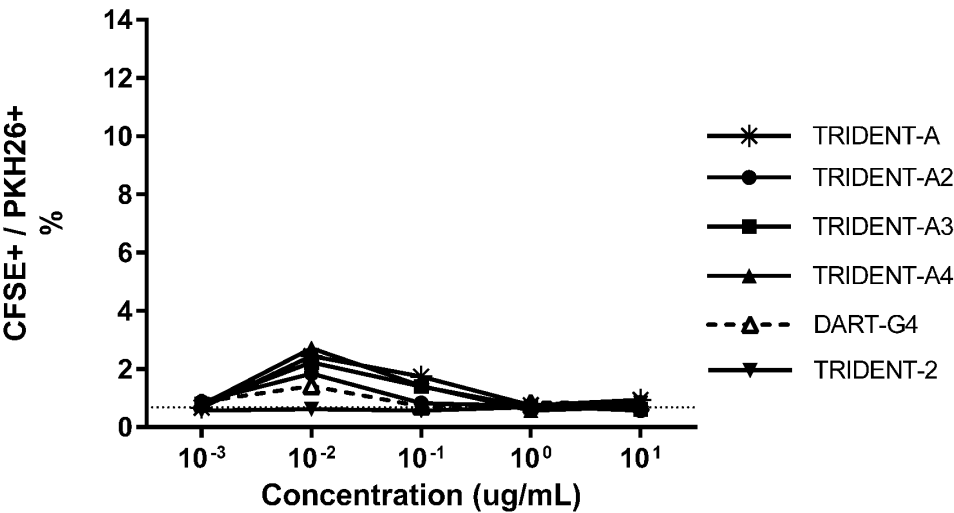


Figure 25C

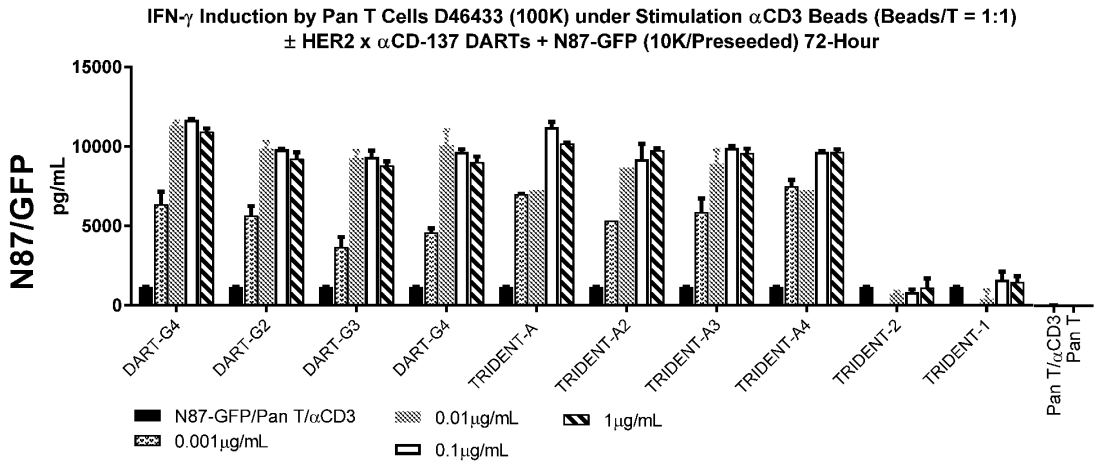


Figure 26A

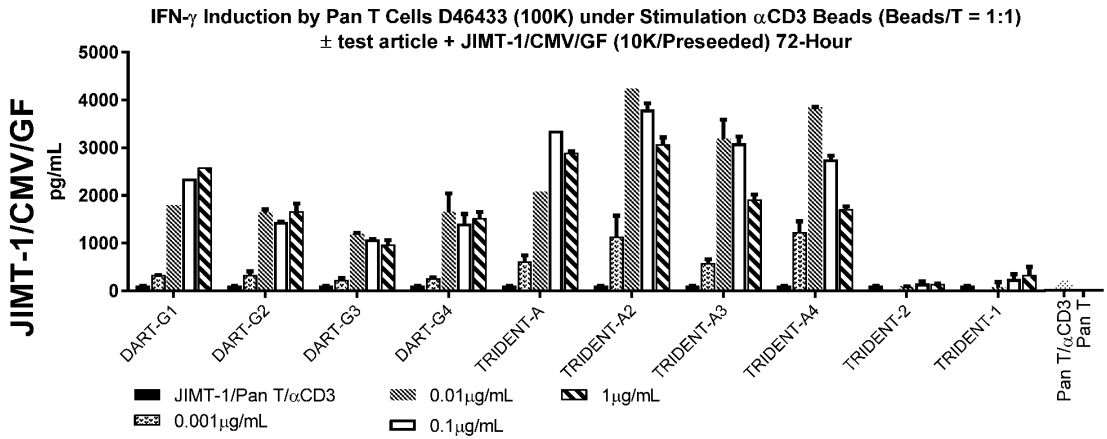


Figure 26B

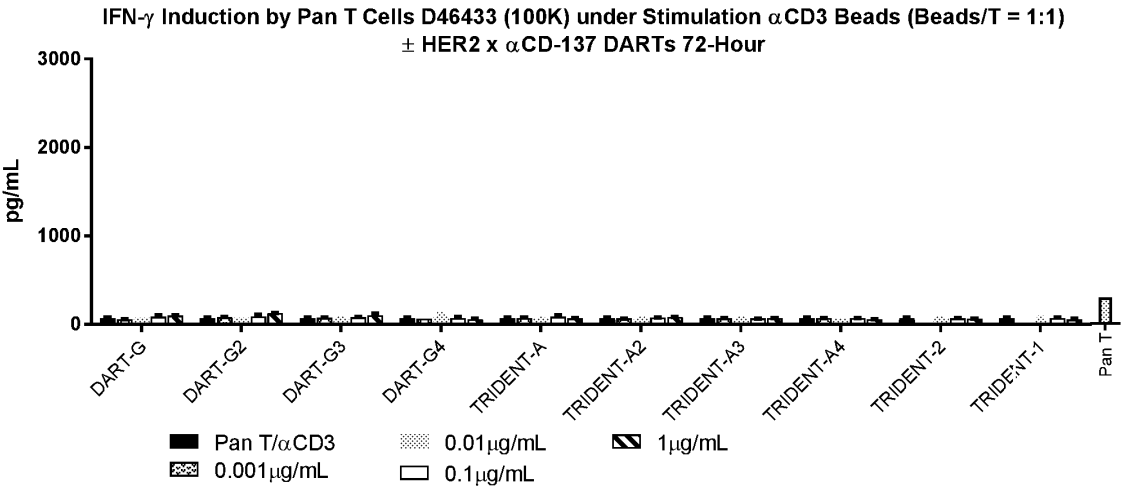


Figure 26C

Colo205/Luc + T-cells + CD3 DART proteins
E:T=3:1

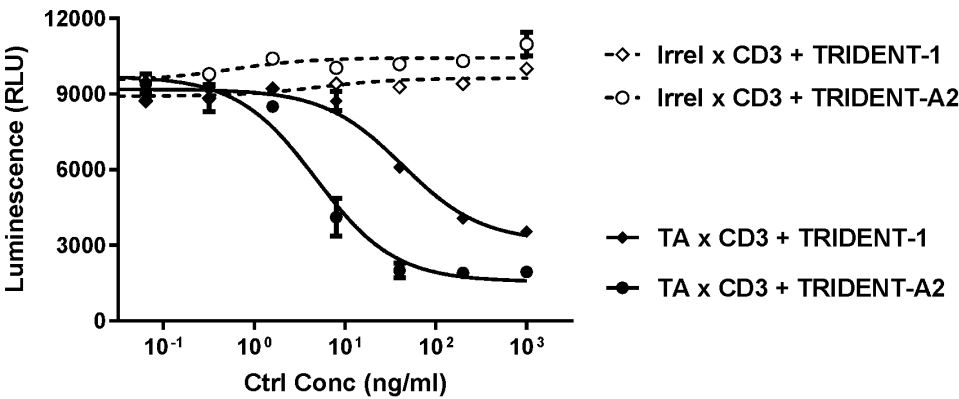


Figure 27

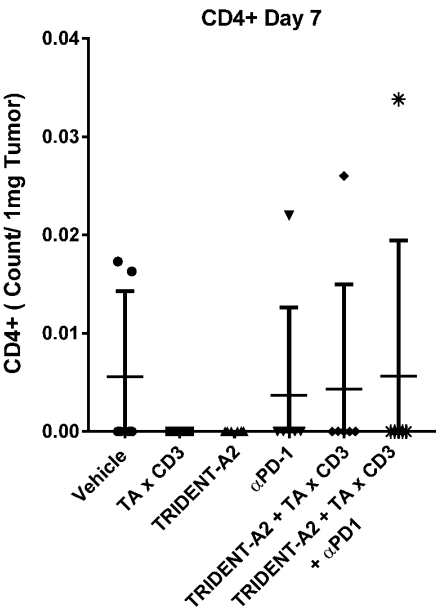


Figure 28A

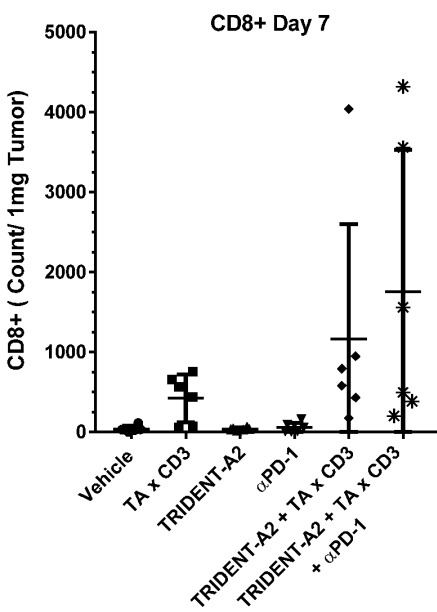


Figure 28B

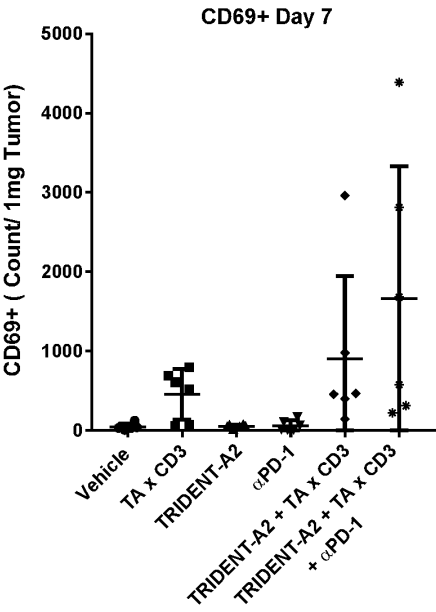


Figure 28C

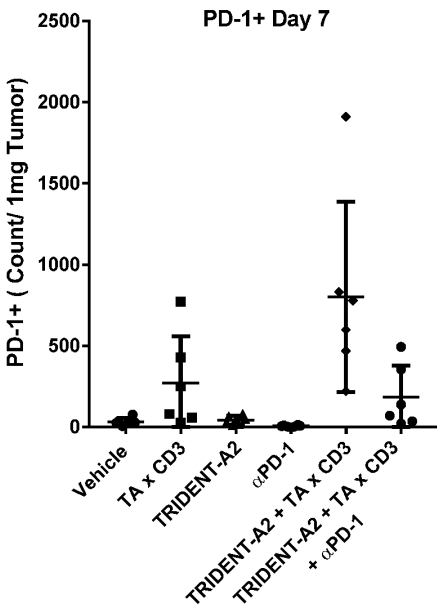


Figure 28D

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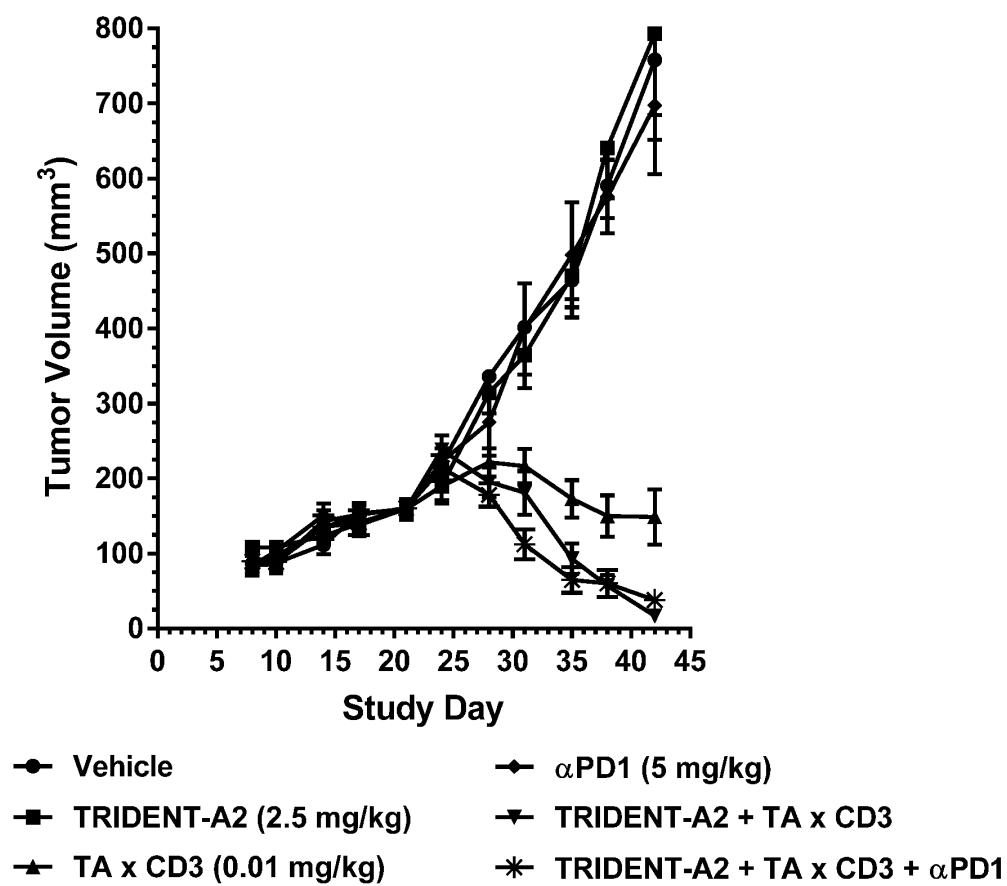


Figure 29

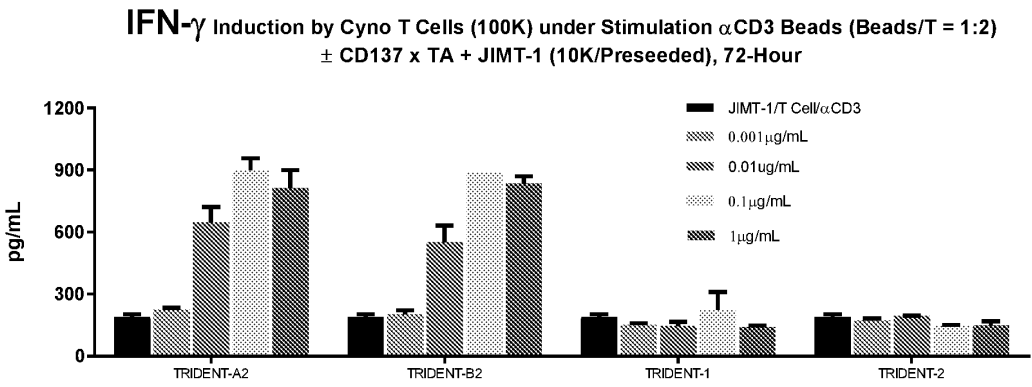


Figure 30

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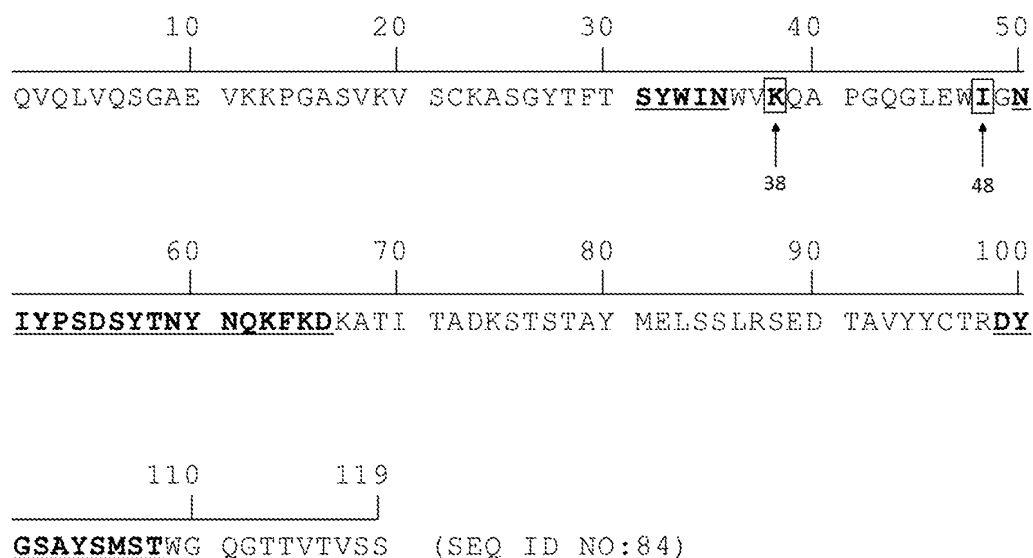


Figure 31A

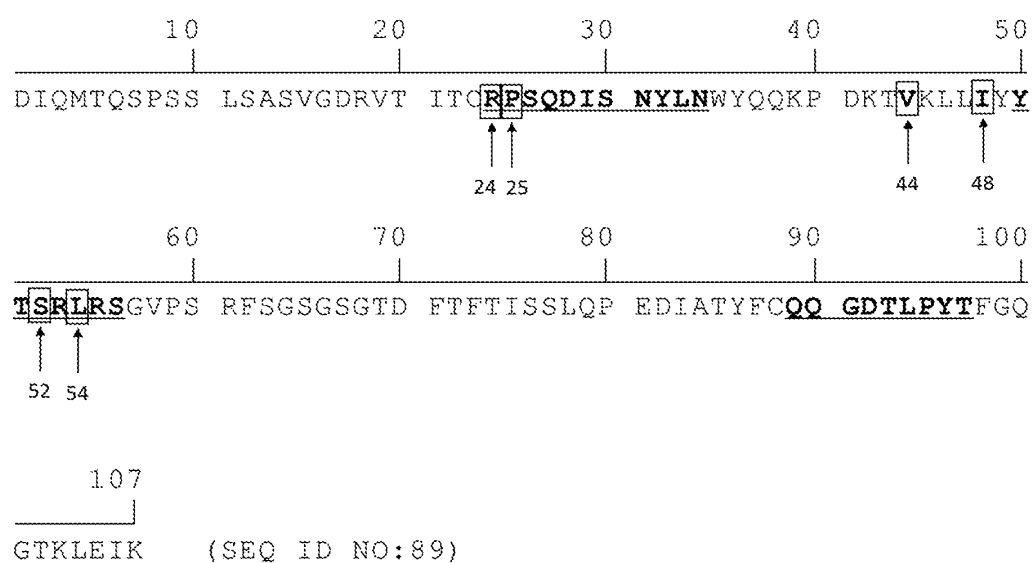


Figure 31B

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Activated Pan T/CD4⁺ (D43867)
(anti-hFc APC for detection)

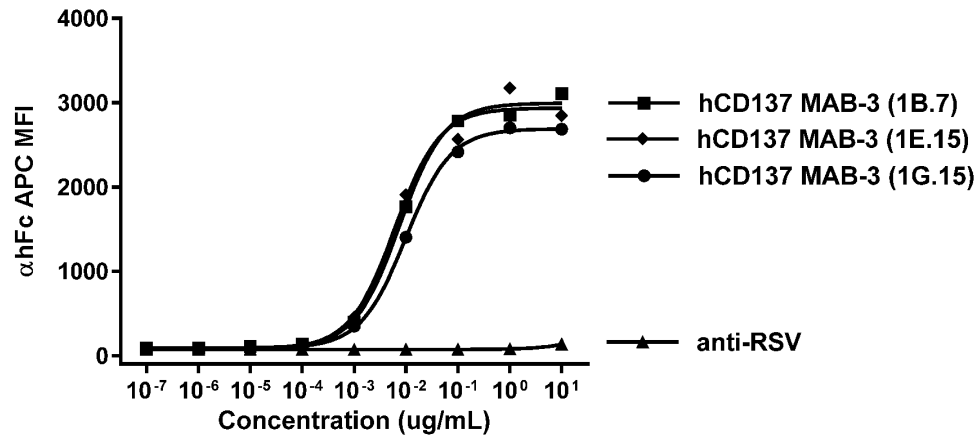


Figure 32A

Activated Pan T/CD8⁺ (D43867)
(and-hFc APC detection)

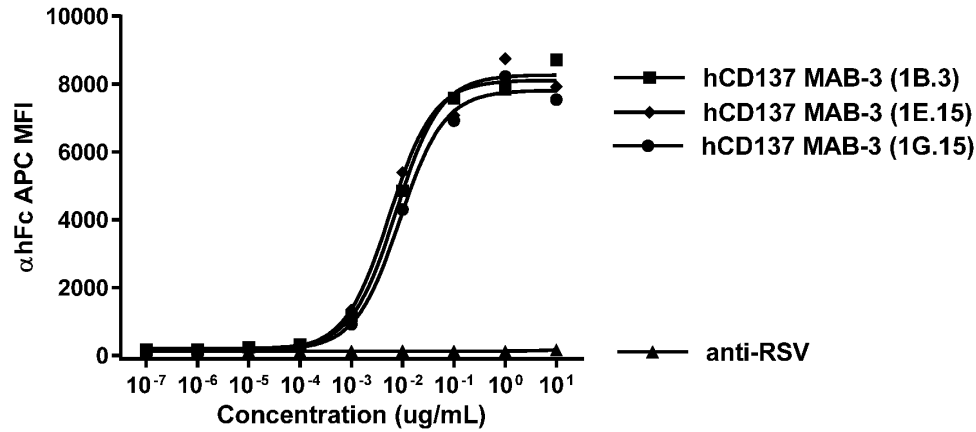


Figure 32B

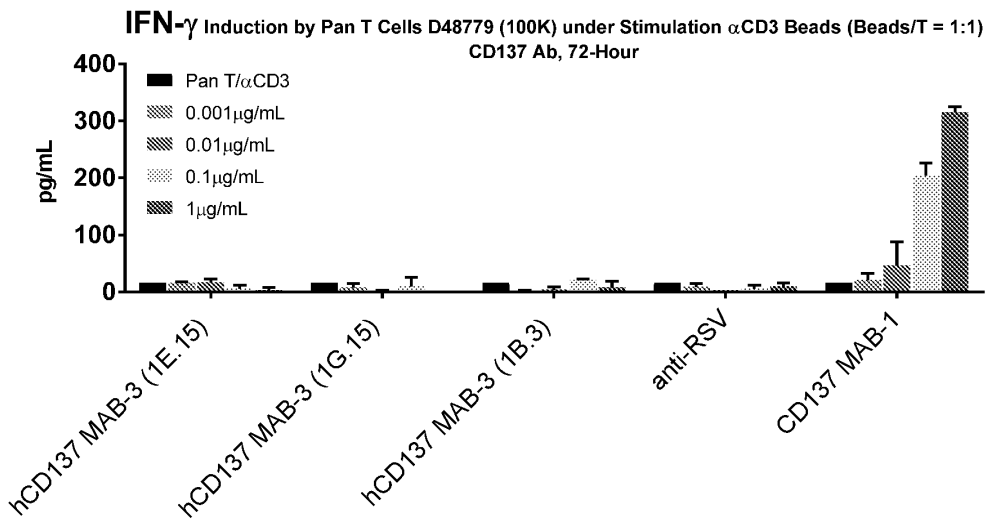


Figure 33A

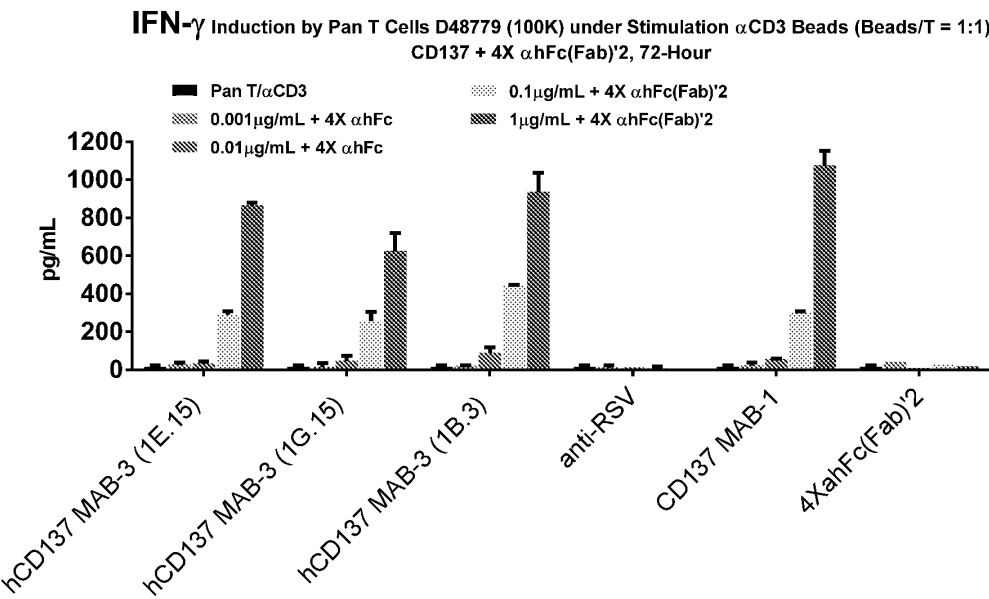


Figure 33B

Binding to Activated CD8⁺ T cells D59788;
FACS (CD8 FITC / α hFc APC);

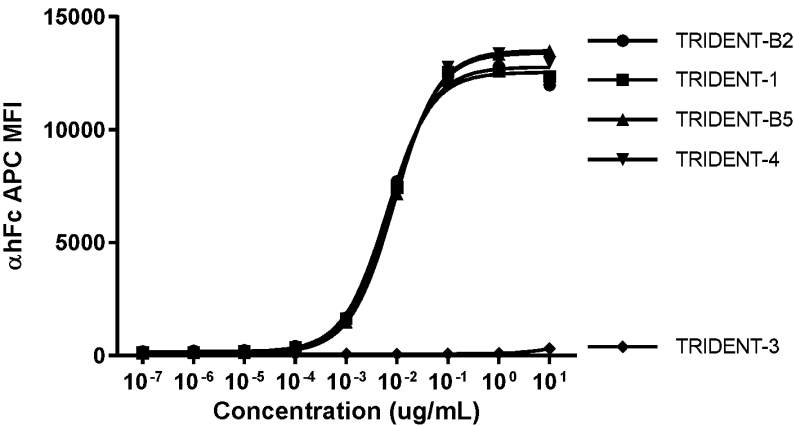


Figure 34A

Binding to JIMT-1 (5T4^{hi});
FACS (α hFc APC)

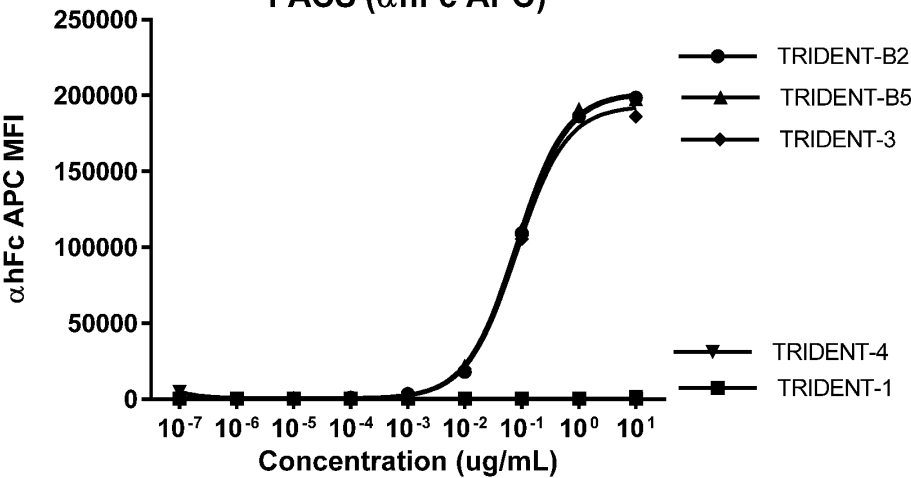


Figure 34B

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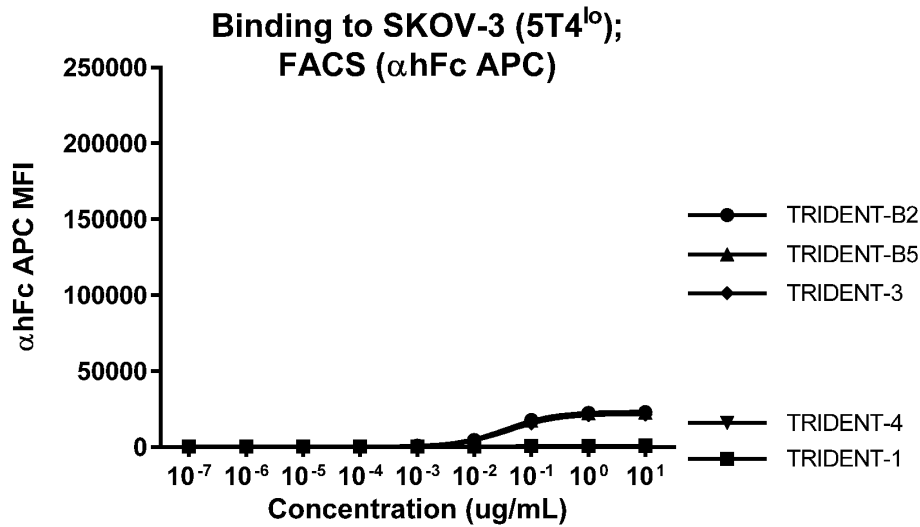


Figure 34C

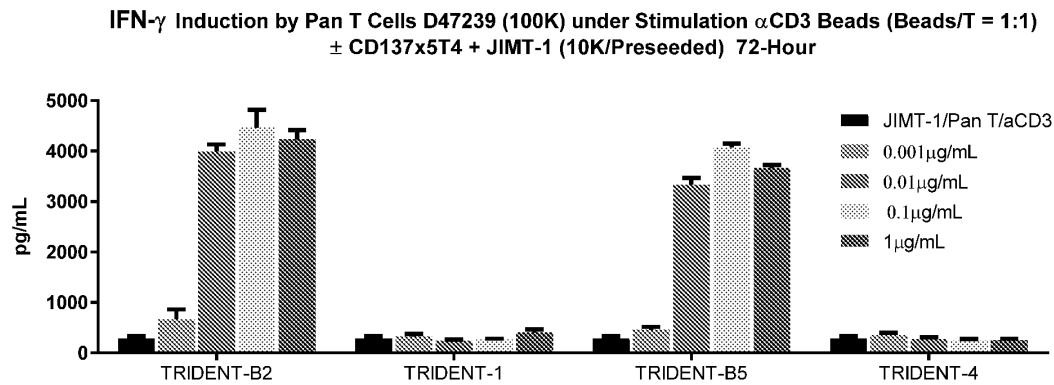


Figure 35A

IFN- γ Induction by Pan T Cells D47239 (100K) under Stimulation α CD3 Beads (Beads/T = 1:1)
 $\pm$ CD137x5T4 DARTs + SKOV-3 (10K/Preseeded) 72-Hour

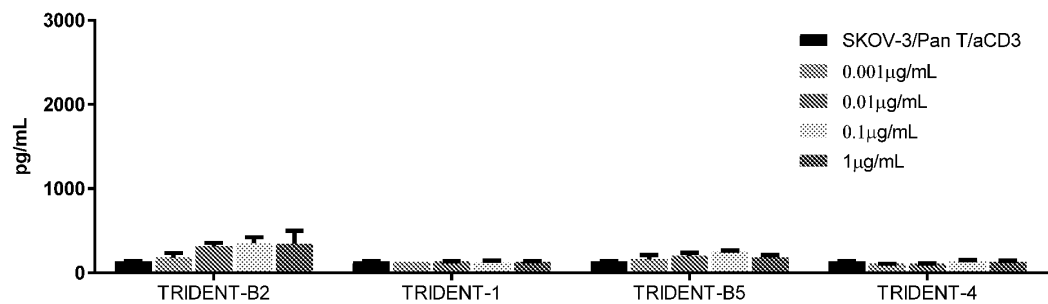


Figure 35B

IFN- γ Induction by Pan T Cells D47239 (100K) under Stimulation α CD3 Beads (Beads/T = 1:1)
 $\pm$ CD137x5T4 DARTs 72-Hour



Figure 35C