Genomeditech (Shanghai) Co.,Ltd.
Order: 021-68455258/50432826/50432825
Toll-free: 400 627 9288
Email: service@genomeditech.com

Anti-Vγ9Vδ2 TCR hIgG1 Antibody

Product Information

GM-75325AB-10	10 μg
GM-75325AB-100	100 μg
GM-75325AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Specificity	Detects human Vγ9Vδ2 TCR.
Source/Isotype	Monoclonal Human IgG1
Application	Binding activation: 28 pg/mL-30 μg/mL
Background	Vγ9Vδ2 TCR is a type of T-cell receptor (TCR) that is expressed on the surface of a subset of T cells called gamma delta (γδ) T cells. Most circulating human gamma delta T cells are Vγ9Vδ2 T cells. Their hallmark is the expression of T cell antigen receptors (TCR) whose γ-chains show a Vγ9-JP (Vγ2-Jγ1.2) rearrangement and are paired with Vδ2-containing δ-chains, a dominant TCR configuration, which until recently seemed to occur in primates only.
Storage	Store at +4℃ short term (1-2 weeks). Store at -20℃ long term
Formulation	Phosphate-buffered solution, pH 7.2.

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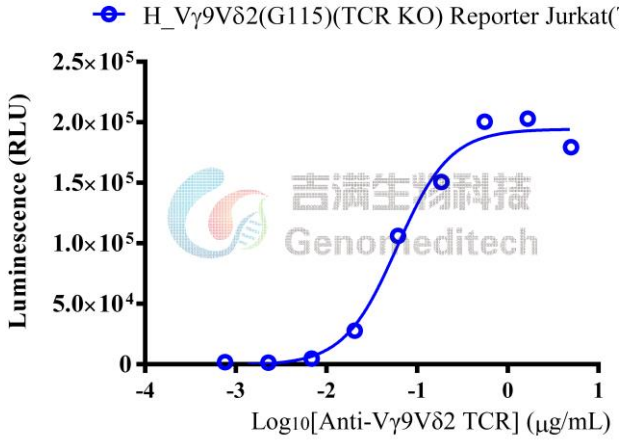
Data Examples

Binding activation

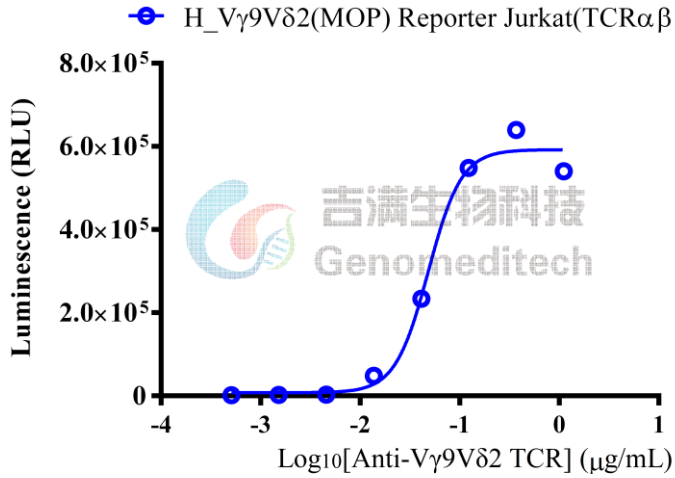
Serial dilutions of Anti-Vγ9Vδ2 TCR hIgG1 Antibody (Catalog # GM-75325AB) were added into H_Vγ9Vδ2(G115) Reporter Jurkat(TCRαβ KO) Cell Line (Catalog # GM-C28019).EC_{50} for this effect was 0.06006 μg/mL.



	H_Vγ9Vδ2(G115)(TCR KO) Reporter
EC50	0.06006

Binding activation

Serial dilutions of Anti-Vγ9Vδ2 TCR hIgG1 Antibody (Catalog # GM-75325AB) were added into H_Vγ9Vδ2(MOP) Reporter Jurkat(TCRαβ KO) Cell Line (Catalog # GM-C28020)..EC_{50} for this effect was 0.04846 μg/mL.



	H_Vγ9Vδ2(MOP) Reporter
EC50	0.04846