

Anti-CD19xCD3xCD2 hIgG1 Reference Antibody(PIT-565)

Product information

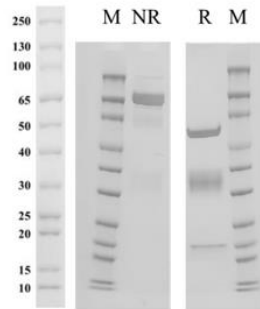
GM-87914MAB-10	10 µg
GM-87914MAB-100	100 µg
GM-87914MAB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	PIT-565
Source/Isotype	Monoclonal human IgG1 ,Kappa
Application	Activation assay
Specificity	Detects CD19、CD3、CD2
Gene	CD19、CD3、CD2
Background	Anti-CD19xCD3xCD2 (PIT-565) trispecific antibody contains a sequence that binds to CD2, which is derived from a portion of the natural ligand CD58 gene. In contrast, the Anti-CD19xCD3xCD2 (mutation) hIgG1 Reference Antibody (PIT-565) features a mutated CD58 gene, rendering it incapable of binding to CD2. This mutated antibody can serve as a control for the Anti-CD19xCD3xCD2 hIgG1 Reference Antibody (PIT-565).
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

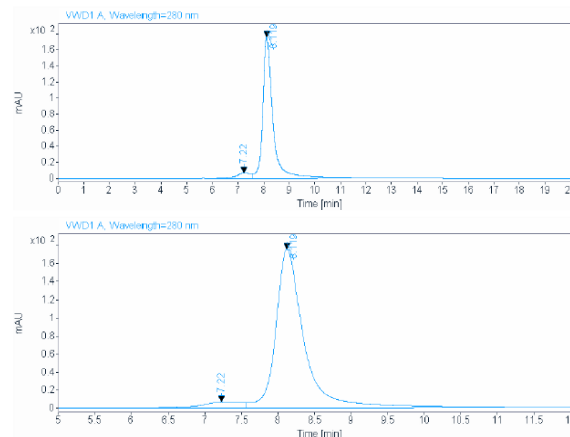
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC

Activation assay

Anti-CD19xCD3xCD2 hlgG1 Reference Antibody(PIT-565) (Catalog # GM-87914MAB) stimulated Luminescence of CD3-CD2-tsAb Reporter Jurkat(CD58 KO) Cell Line (Catalog # GM-C39956) binded with H_CD19 CHO-K1 Cell line (Catalog # GM-C19025). EC50 for this effect is 0.1843 µg/mL.

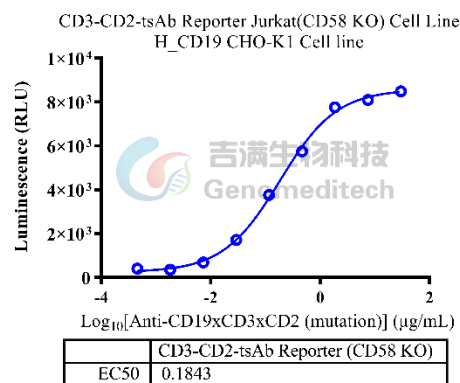


Fig. Assay