

Anti-H_TNFR2 hIgG1 Antibody(1H10)

Product information

GM-59476AB-10	10 µg
GM-59476AB-100	100 µg
GM-59476AB-1000	1 mg

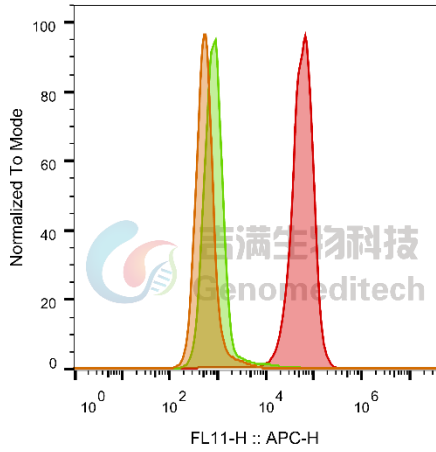
Antibody Information

Species Reactivity	Human;
Clone	1H10
Source/Isotype	Monoclonal human IgG1, κ
Application	Flow cytometry; Activation assay
Specificity	Detects TNFR2
Gene	TNFR2
Other Names	CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR2, TNFR80, p75, p75TNFR
Gene ID	7133 (human)
Background	Tumor necrosis factor receptor 2 (TNFR2), also known as TNF receptor superfamily member 1B, is a cell surface receptor primarily expressed on immune cells, endothelial cells, and certain types of neurons. It belongs to the tumor necrosis factor receptor (TNFR) superfamily, which plays a crucial role in mediating various cellular processes, including inflammation, immune response, cell proliferation, and apoptosis.
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

Flow cytometry

H_TNFR2 Reporter V2 Cell Line (Catalog # GM-C25776) was stained with Anti-H_TNFR2 hlgG1 Antibody(1H10) (Catalog # GM-59476AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



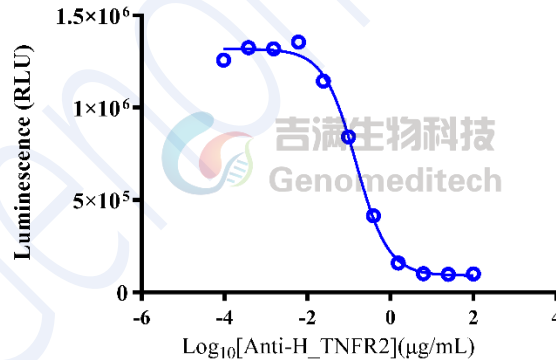
SampleID	Geometric Mean : FL11-H
Null Anti-TNFR2+APC-2nd Ab	567
H_TNFR2 Reporter V2 H_igG+APC-2nd Ab	902
H_TNFR2 Reporter V2 Anti-TNFR2+APC-2nd Ab	54198

Fig. FACS

Block assay

H_TNFR2 hlgG1 Antibody(1H10) (Catalog # GM-59476AB) inhibits H_TNFR2 Reporter V2 Cell Line (Catalog # GM-C25776) Luminescence induced by Membrane Bound H_TNF α (cleavage-resistant) CHO-K1 Cell Line (Genomeditech/GM-C33297). IC50 for this effect is 0.148 μ g/mL.

H_TNFR2 Reporter V2 Cell Line
Membrane Bound H_TNF α (cleavage-resistant) CHO-K1 Cell Line



	H_TNFR2 Reporter V2 Cell Line
IC50	0.1480

Fig. assay