

Product Datasheet

4-1BB Ligand/TNFSF9 Antibody (AT113-2) [CoraFluor™ 1] NBP3-11987CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP3-11987CL1

4-1BB Ligand/TNFSF9 Antibody (AT113-2) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	AT113-2
Preservative	No Preservative
Isotype	IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rat
Gene ID	8744
Gene Symbol	TNFSF9
Species	Mouse
Specificity/Sensitivity	This antibody is specific for 4-1BB ligand (also known as CD137 ligand), which is a member of the TNF superfamily and is a type II membrane protein. 4-1BB ligand is a co-stimulatory molecule that is expressed on antigen presenting cells (DCs, monocytes/macrophages, B cells) and is upregulated upon activation of these cells. Both of the 4-1BB ligand and its receptor, TNFRSF9/4-1BB, are involved in the antigen presentation process and in the generation of cytotoxic T cells. In direct ELISAs, no cross-reactivity with recombinant human RELT is observed.
Immunogen	This antibody was raised by immunising LOU rats with soluble recombinant 4-1BB Ligand/TNFSF9:Fc fusion protein.
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details	
Applications	Western Blot, Flow Cytometry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, Block/Neutralize
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-11987CL1

NBP2-26580	Recombinant Mouse 4-1BB Ligand/TNFSF9 Protein
210-TA-005	TNF-alpha [Unconjugated]
1246-4L-025/CF	4-1BB Ligand/TNFSF9 [Unconjugated]
285-IF-100	IFN-gamma [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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