

Active Recombinant Human TNFRSF17 Protein, Fc-tagged, Alexa Fluor® 488 conjugated

Cat. No. TNFRSF17-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Alexa Fluor® 488 conjugated BCMA/TNFRSF17 (Met1-Ala54) protein with a human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in mouse myeloma cell line.
Species	Human
Source	NS0
ProteinLength	1-54 a.a.
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation.
Form	Disulfide-linked homodimer Labeled with Alexa Fluor® 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Bio-activity	Measured by flow cytometry for its ability to bind anti-Human BCMA/TNFRSF17

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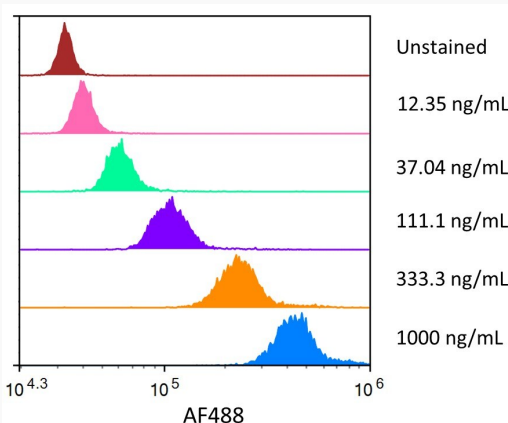
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	Monoclonal Antibody conjugated beads. The concentration of Recombinant human BCMA/TNFRSF17 Chimera Alexa Fluor® 488 that produces 50% of the binding response is 2.00-40.0 ng/mL
Molecular Mass	32 kDa
N-terminal Sequence Analysis	Met1
Endotoxin	<1.0 EU/μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Protect from light. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.
Storage Buffer	Supplied as a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Shipping	The product is shipped with dry ice or equivalent.
Conjugation	Alexa Fluor 488
GENE INFORMATION	
Gene Name	TNFRSF17 TNF receptor superfamily member 17 [Homo sapiens (human)]
Official Symbol	TNFRSF17

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Synonyms	TNFRSF17; TNF receptor superfamily member 17; BCM; BCMA; CD269; TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B cell maturation antigen; B-cell maturation factor; B-cell maturation protein														
Gene ID	608														
mRNA Refseq	NM_001192														
Protein Refseq	NP_001183														
MIM	109545														
UniProt ID	Q02223														
FC	 Streptavidin coated beads conjugated to biotinylated anti-Human BCMA/TNFRSF17 Monoclonal Antibody were stained with the indicated concentrations of Recombinant Human BCMA/TNFRSF17 Fc Chimera Alexa Fluor® 488. <table border="1"> <thead> <tr> <th>Concentration (ng/mL)</th> <th>Approximate Peak Position (AF488)</th> </tr> </thead> <tbody> <tr> <td>Unstained</td> <td>~10^{4.3}</td> </tr> <tr> <td>12.35</td> <td>~10^{4.5}</td> </tr> <tr> <td>37.04</td> <td>~10^{4.7}</td> </tr> <tr> <td>111.1</td> <td>~10^{4.9}</td> </tr> <tr> <td>333.3</td> <td>~10^{5.1}</td> </tr> <tr> <td>1000</td> <td>~10^{5.3}</td> </tr> </tbody> </table>	Concentration (ng/mL)	Approximate Peak Position (AF488)	Unstained	~10 ^{4.3}	12.35	~10 ^{4.5}	37.04	~10 ^{4.7}	111.1	~10 ^{4.9}	333.3	~10 ^{5.1}	1000	~10 ^{5.3}
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