

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

Cat. No. TNFRSF17-2070HAF488 Lot. No. (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human TNFRSF17 is produced in HEK 293 Cells with the C-terminus to the Fc portion of human IgG1. MW=42kDa.
Species	Human
Source	HEK293
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	Lyophilized
Bio-activity	Blocks the binding of BAFF and APRIL to their receptors BCMA and TACI, inhibiting BAFF- and APRIL-mediated B cell activation.
Endotoxin	< 0.1 EU/ µg purified protein (LAL test; BioWhittaker).
Purity	≥95 % by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Applications	Flow Cytometry: Detection of membrane-bound mouse BAFF and human APRIL in combination with fluorescently labelled Ab to IgG1.
Storage	Stable for at least 6 months after receipt when stored at -20 centigrade. Avoid freeze/thaw cycles.
Concentration	1 mg/mL
Storage Buffer	Contains PBS.
Reconstitution	Reconstitute with 50 µl of sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [Homo sapiens]
Official Symbol	TNFRSF17
Synonyms	TNFRSF17; tumor necrosis factor receptor superfamily, member 17; BCM; BCMA; CD269; TNFRSF17; tumor necrosis factor receptor superfamily member 17; B-cell maturation factor; B-cell maturation protein
Gene ID	608

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mRNA Refseq	NM_001192
Protein Refseq	NP_001183
MIM	109545
UniProt ID	Q02223

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