Mouse anti-Human CD268 Monoclonal Antibody | anti-CD268 antibody

Anti-Hu CD268 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129151	**Mouse**	**Human**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

CD268; Monoclonal Antibody; Anti-Hu CD268 PE; TNFRSF13C; BAFFR; CVID4; BAFF-R; BROMIX; prolixin; TNF receptor superfamily member 13C; anti-CD268 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Clone Number	11C1
Specificity	The mouse monoclonal antibody 11C1 recognizes an extracellular epitope of CD268/BAFF R (B cell-activating factor receptor), a 19kDa type III transmembrane protein expressed on resting B cells and CD4-positive T cells, but down regulated after activation.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Applicable Applications for anti-CD268 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Immunogen	human CD268-transfected murine L1.2 cells
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD268 antibody	CD268/BAFF R is a TNFR family receptor that binds the B-cell-activating factor (CD257/BAFF). Splice variants of CD268 have been observed both in man and mouse. A naturally occurring mutation of CD268 in A/WySnJ mice is associated with low number of mature B cells, but with normal B cell precursors. The role of BAFF in B-cell survival and activation make CD268 a potential test reagent. It may be involved in survival of B-cell malignancies. Experimental administration of a CD268-Fc fusion protein suppresses antibody responses. In T cells the CD268 costimulates their activation and proliferation. Defects in CD268 cause the common variable immunodeficiency 4 (CVID4).

References	*Schneppenheim J, Hüttl S, Kruchen A, Fluhrer R, Müller I, Saftig P, Schneppenheim R, Martin CL, Schröder B: Signal-peptide-peptidase-like 2a is required for CD74 intramembrane proteolysis in human B cells. Biochem Biophys Res Commun. 2014 Aug 15;451(1):48-53., URL: http://www.ncbi.nlm.nih.gov/pubmed/term=schneppen,*Yoshimoto K, Tanaka M, Kojima M, Setoyama Y, Kameda H, Suzuki K, Tsuzaka K, Ogawa Y, Tsubota K, Abe T, Takeuchi T: Regulatory mechanisms for the production of BAFF and IL-6 are impaired in monocytes of patients of primary Sjögren's syndrome. Arthritis Res Ther. 2011;13(5):R170., URL: http://www.ncbi.nlm.nih.gov/pubmed/22018243,*Proust A, Rincé P, Creidy R, Lazure T, Joab I, Garçon L, Fabre M, Guettier C, Raphael M: p52 Activation in monomorphic B-cell posttransplant lymphoproliferative disorder/diffuse large B-cell lymphoma without BAFF-R expression. Am J Pathol. 2011 Oct;179(4):1630-7., URL: http://www.ncbi.nlm.nih.gov/pubmed/term=proust+a+

NCBI AND UNIPROT INFORMATION

NCBI GI #	85567349
NCBI GeneID	115650
UniProt Accession #	Q96RJ3
Molecular Weight	18,864 Da
NCBI Official Full Name	BAFF receptor
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 13C
NCBI Official Symbol	TNFRSF13C
NCBI Official Synonym Symbols	BAFFR; CD268; CVID4; BAFF-R; BROMIX; prolixin
NCBI Protein Information	tumor necrosis factor receptor superfamily member 13C; BAFF receptor; BLyS receptor 3; B cell-activating factor receptor; B-cell-activating factor receptor
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 13C
UniProt Gene Name	**TNFRSF13C**
UniProt Synonym Gene Names	BAFFR; BR3; BAFF-R
UniProt Entry Name	TR13C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/cd268-antibody-clone-11c1-flow-cytometry-elisa/129151