

Product Datasheet

BCMA/TNFRSF17 Antibody (Vicky-1) - BSA Free NBP1-97637

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-97637**BCMA/TNFRSF17 Antibody (Vicky-1) - BSA Free**

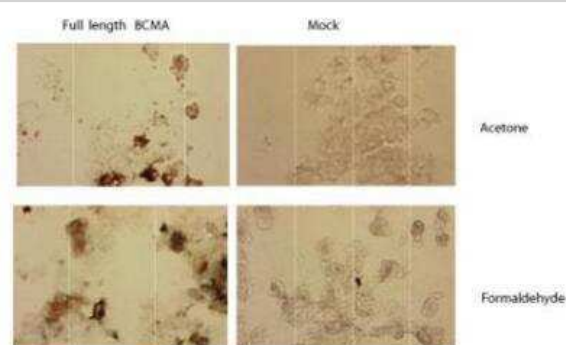
Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Vicky-1
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rat BCMA/TNFRSF17 Antibody (Vicky-1) - BSA Free (NBP1-97637) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-BCMA/TNFRSF17 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rat
Gene ID	608
Gene Symbol	TNFRSF17
Species	Human
Reactivity Notes	Does not cross-react with Mouse BCMA.
Immunogen	Recombinant human BCMA extracellular domain (aa 2-54).

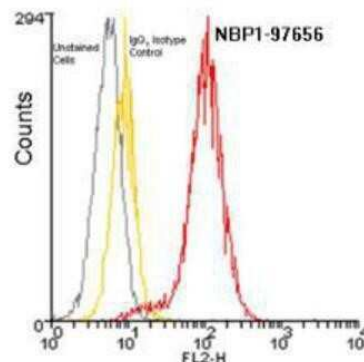
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Functional
Application Notes	Use in WB was reported in the scientific literature (PMID: 20454508). Functional Application: blocks binding of BAFF to human BCMA.

Images

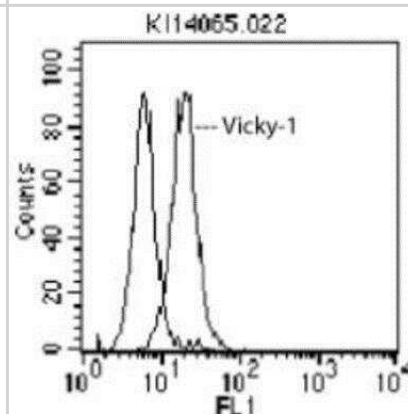
Immunohistochemistry: BCMA/TNFRSF17 Antibody (Vicky-1) [NBP1-97637] - Immunostaining of HEK 293 cells transfected with a human BCMA expression plasmid (left panel), or mock transfected (right panel). Method: 3 days after transfection of cells with the indicated constructs, cells were fixed with acetone or 4% formaldehyde for 5 min. at room temperature. Slides were blocked with normal IgG, and incubated for 1 hour with 5ug/ml MAb to BCMA (human) (Vicky-1) in 1% BSA in 1x PBS. After washes in PBS, samples were incubated with the secondary antibody for 1 hour, washed in PBS and revealed with StreptABComplex/HRP (Vector) and AEC.



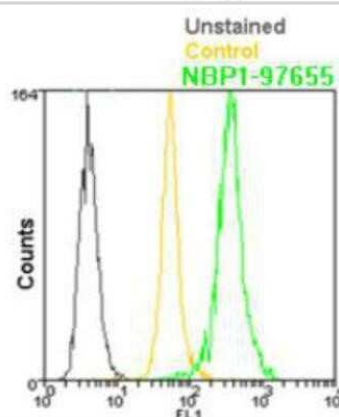
Flow Cytometry: BCMA/TNFRSF17 Antibody (Vicky-1) [NBP1-97637] - Analysis using the PE conjugate of NBP1-97637. Staining of 10^6 U266 cells using BCMA (human), mAb (Vicky-1) (PE conjugate) at a concentration of 10ug/ml.



Flow Cytometry: BCMA/TNFRSF17 Antibody (Vicky-1) [NBP1-97637] - Detection of endogenous human BCMA with MAb to BCMA (human) (Vicky-1). Method: U266 cells (2×10^5) were incubated on ice for 30 min. with 0.2ug of MAb to BCMA (human) (Vicky-1) or an isotype control in 25ul FACS buffer (PBS, 5% fetal calf serum, 0.02% azide). The primary antibody was revealed with PAb to Rat IgG (R-PE) and then analyzed by flow cytometry.



Flow Cytometry: BCMA/TNFRSF17 Antibody (Vicky-1) [NBP1-97637] - Analysis using the FITC conjugate of NBP1-97637. Staining of 10^6 Jurkat cells using BCMA (human), mAb (Vicky-1) (FITC conjugate) at a concentration of 50ug/ml.



Publications

Geis M, Nowotny B, Bohn MD, et al. Combinatorial targeting of multiple myeloma by complementing T cell engaging antibody fragments Communications biology 2021-01-08 [PMID: 33420283] (FLOW, Human)

Lyu MA, Rai D, Ahn KS et al. The rGel/BLyS fusion toxin inhibits diffuse large B-cell lymphoma growth in vitro and in vivo. Neoplasia. 2010-05-01 [PMID: 20454508]

Koarada S, Tada Y, Sohma Y et al. Autoantibody-producing RP105(-) B cells, from patients with systemic lupus erythematosus, showed more preferential expression of BCMA compared with BAFF-R than normal subjects. Rheumatology (Oxford). 2010-04-01 [PMID: 20097906]

Sakurai D, Hase H, Kanno Y et al. TACI regulates IgA production by APRIL in collaboration with HSPG. Blood. 2007-04-01 [PMID: 17119122]





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Products Related to NBP1-97637

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NB7115	Goat anti-Rat IgG (H+L) Secondary Antibody [HRP]
DDXCR01	Rat IgG1 Isotype Control

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