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anti-BCMA antibody (Extracellular Domain)

2 Images



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Overview

Quantity:	100 μg
Target:	BCMA (TNFRSF17)
Binding Specificity:	AA 2-54, Extracellular Domain
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This BCMA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Functional Studies (Func)

Product Details

Immunogen:	Recombinant human BCMA extracellular domain (aa 2-54)
Clone:	Vicky-1
Isotype:	IgG1
Cross-Reactivity (Details):	Does not cross-react with mouse BCMA.
Characteristics:	B cell maturation protein TNFRSF 17 CD269,BCMA (human) monoclonal antibody (Vicky-1)
Purification:	Protein G-affinity purified.,Purified from ascites.

Target Details

Target:	BCMA (TNFRSF17)
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Target Details

Alternative Name:	BCMA (TNFRSF17 Products)
UniProt:	Q02223

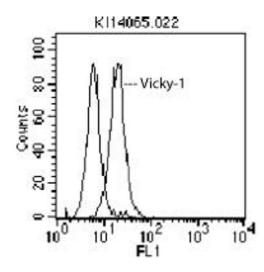
Application Details

Application Notes:	Western Blot (1:1,000, colorimetric)Suggested dilutions/conditions may not be available for all
	applications.Optimal conditions must be determined individually for each
	application., Functional Application: blocks binding of BAFF to human BCMA.
Restrictions:	For Research Use only

Handling

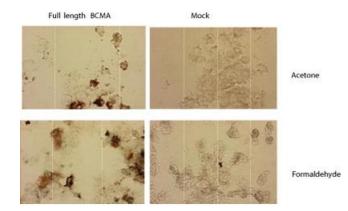
Format:	Liquid
Buffer:	Liquid. In PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	-20°C

Images



Flow Cytometry

Image 1. Detection of endogenous human BCMA with MAb to BCMA (human) (Vicky-1) .Method: U266 cells (2x105) were incubated on ice for 30 min. with 0.2 μ g of MAb to BCMA (human) (Vicky-1) or an isotype control in 25 μ L 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.



Immunohistochemistry

Image 2. 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 5 µg/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 PBS hour, washed in and revealed with StreptABComplex/HRP (Vector) and AEC.