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CD269

Purified Mouse Monoclonal Antibody
Catalog # AO2651a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q02223
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1D12G9
Isotype	Mouse IgG1
Calculated MW	20165
Immunogen	Purified recombinant fragment of human BCMA (AA: QMAGQCSQNEYFDSLc) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	608
Other Names	BCMA; TNFRSF17; BCM; TNFRSF13A
Dilution	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD269 is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFRSF17
Synonyms	BCM, BCMA
Function	Receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK.
Cellular Location	Cell membrane; Single-pass type III membrane protein. Endomembrane system; Single-pass type III membrane protein Note=Perinuclear Golgi-like structures

Tissue Location	Expressed in mature B-cells, but not in T-cells or monocytes

References

1.Lupus. 2016 May;25(6):582-92. 2.Crit Rev Immunol. 2012;32(4):287-305.

Images

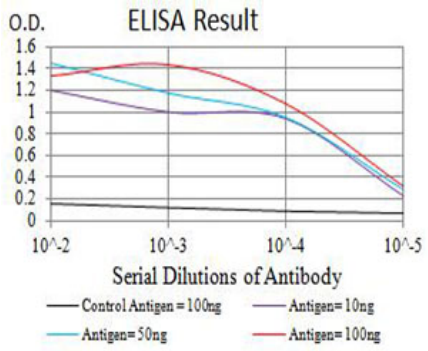


Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

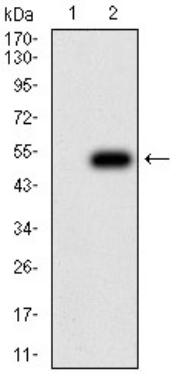


Figure 2:Western blot analysis using CD269 mAb against HEK293 (1) and CD269 (AA: 1-184)-hIgGFc transfected HEK293 (2) cell lysate.

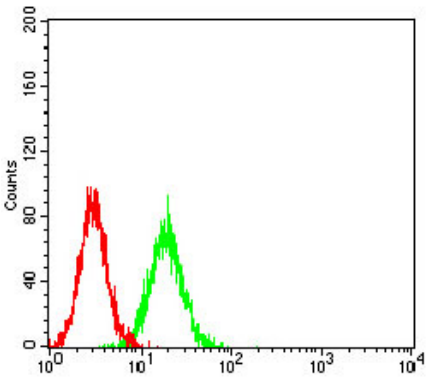


Figure 3:Flow cytometric analysis of K562 cells using CD269 mouse mAb (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.