

CD269
Purified Mouse Monoclonal Antibody
Catalog # AO2651a**Specification**

CD269 - Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q02223
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	20.2kDa KDa

Immunogen

Purified recombinant fragment of human BCMA (AA: QMAGQCSQNEYFDSLc) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

CD269 - 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.

CD269 - 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

CD269 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD269 - Images

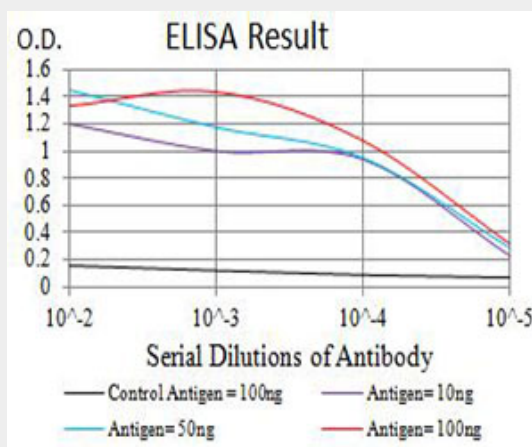


Figure 1: Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

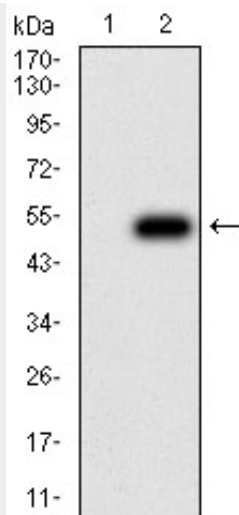


Figure 2: Western blot analysis using CD269 mAb against HEK293 (1) and CD269 (AA: 1-184)-hlgGFc transfected HEK293 (2) cell lysate.

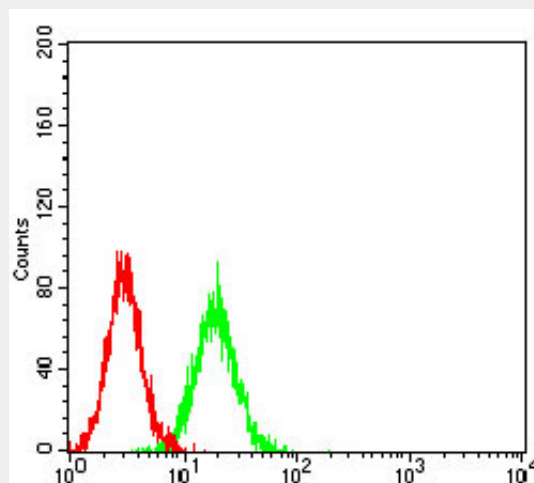


Figure 3: Flow cytometric analysis of K562 cells using CD269 mouse mAb (green) and negative control (red).

CD269 - References

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