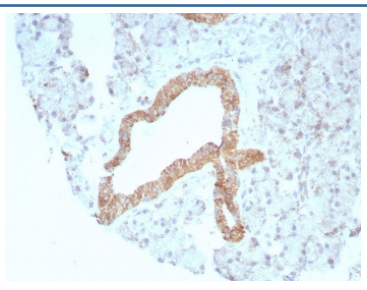
Recombinant CD269 Antibody / BCMA / TNFRSF17 [clone rCD269/8507] (V4411)

Catalog No.	Formulation	Size
V4411-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4411-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4411SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

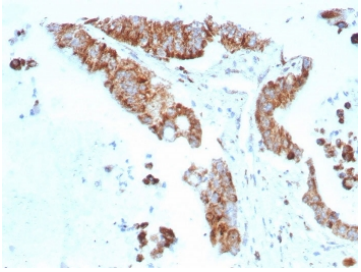
Recombinant | MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rCD269/8507
Purity	Protein A/G affinity
UniProt	Q02223
Localization	Cell surface
Applications	ELISA (Order BSA-free format for coating) Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This recombinant CD269 antibody is available for research use only.



IHC staining of FFPE human prostate tissue with recombinant CD269 antibody (clone rCD269/8507). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon carcinoma tissue with recombinant CD269 antibody (clone rCD269/8507). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

The B cell maturation protein (BCMA) is a type I integral membrane protein that belongs to the tumor necrosis factor receptor (TNF-R) superfamily. It is expressed as a 184 amino acid peptide that is expressed only in mature B-lymphocytes and is located on the cis part of the Golgi apparatus. BCMA shares significant homology with TACI (transmembrane activator) within the cysteine-rich domain. TACI has been shown to bind CAML, which induces activation of NFAT (nuclear factor of activated T cells). Both BCMA and TACI have been shown to bind APRIL and TALL-1, which stimulate B cell proliferation in conjunction with other B-cell activators. When overexpressed, TALL-1 stimulates the development of systemic lupus erythaematosus (SLE).

Application Notes

Optimal dilution of the recombinant CD269 antibody should be determined by the researcher.

Immunogen

A recombinant human protein fragment (within amino acids 1-184) was used as the immunogen for the recombinant CD269 antibody.

Storage

Aliquot the recombinant CD269 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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