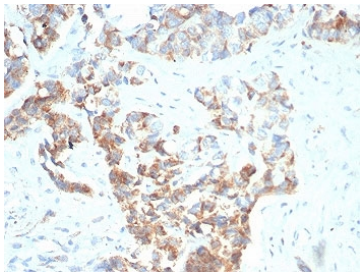
TNFRSF17 Antibody / BCMA / CD269 [clone BCMA/7253] (V4418)

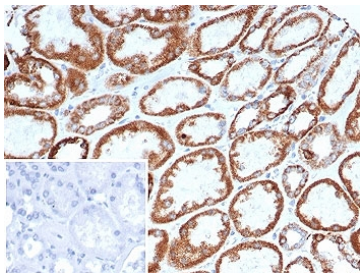
Catalog No.	Formulation	Size
V4418-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4418-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4418SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	BCMA/7253
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 TNFRSF17 antibody is available for research use only.



IHC staining of FFPE human gastric carcinoma with TNFRSF17 antibody (clone BCMA/7253). 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 gastric carcinoma tissue with TNFRSF17 antibody (clone BCMA/7253). Inset: PBS used in place of primary Ab (secondary Ab negative control). 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 TNFRSF17 antibody should be determined by the researcher.

Immunogen

A recombinant human CD269 protein fragment (within amino acids 1-184) was used as the immunogen for the TNFRSF17 antibody.

Storage

Aliquot the TNFRSF17 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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