

Datasheet for ABIN6940533
anti-BCMA antibody (AA 78-184)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	BCMA (TNFRSF17)
Binding Specificity:	AA 78-184
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BCMA antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Coating (Coat), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human CD269 protein fragment (around aa 78-184) (exact sequence is proprietary)
Clone:	BCMA-2366
Isotype:	IgG2c kappa
Purification:	Purified by Protein A/G

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	CD269 (TNFRSF17 Products)
Background:	The B cell maturation protein (BCMA) is a type I integral membrane protein that belongs to the

Target Details

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).

Molecular Weight: 20kDa

Gene ID: 608

UniProt: [Q02223](#)

Application Details

Application Notes: Positive Control: NAMALWA cells. Tonsil or gastric carcinoma (IHC).
Known Application: ELISA (For coating, order antibody without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT), (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

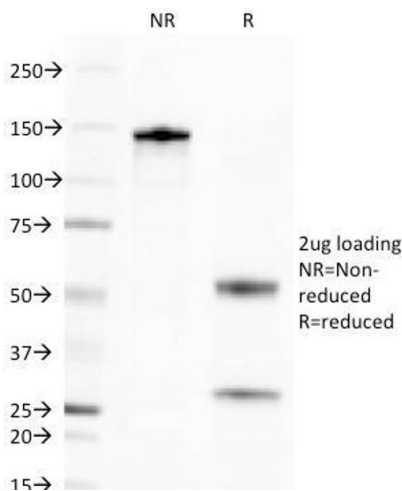
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

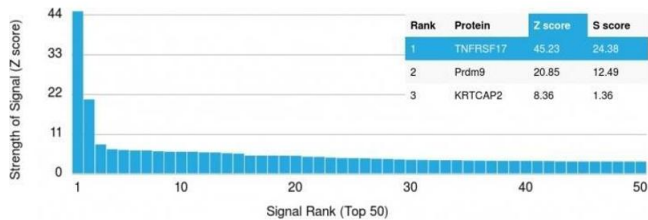
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



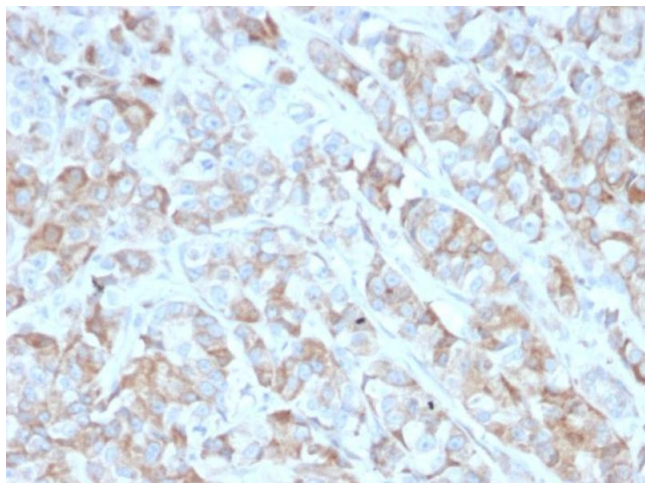
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD269 / TNFRSF17 Mouse Monoclonal Antibody (BCMA/2366). Confirmation of Purity and Integrity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using CD269 Mouse Monoclonal Antibody (BCMA/2366) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with CD269 / TNFRSF17 Mouse Monoclonal Antibody (BCMA/2366).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6940533.