abcam

ab284647

Alexa Fluor® 488 Anti-BCMA antibody [EPR22457-260]

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Conjugation	Alexa Fluor® 488
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.02% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR22457-260
Purification technique	Affinity purification Protein A
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ICC/IF

Tested

Species	Human
Dilution info	1/50
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1/50
Notes	-

Target data

See full target information TNFRSF17

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.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle, Store in the dark

Notes

This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

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Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

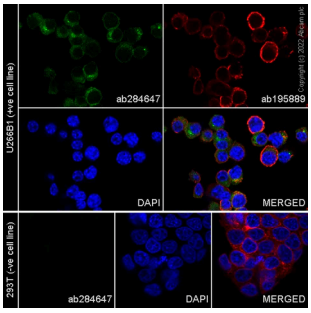
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

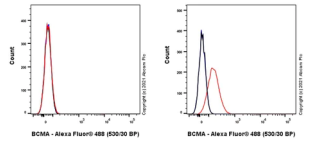
2 product images



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-BCMA antibody [EPR22457-260] (ab284647)

BCMA Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-BCMA antibody

Immunofluorescent analysis of 4% Paraformaldehyde fixed U266B1 (human multiple myeloma B lymphocytes) permeabilized with 0.1% TritonX-100 labelling BCMA with ab284647 at 1/500 dilution, (Green). Confocal image showing cytoplasmic staining in U266B1 cells. ab195889 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) (shown in Red) was used to counterstain tubulin at 1/200 dilution. The nuclear counterstain was DAPI (Blue). Negative control: HEK-293T cells（PMID: 18025285).



Flow Cytometry - Alexa Fluor® 488 Anti-BCMA antibody [EPR22457-260] (ab284647)

BCMA Flow Cytometry staining using rabbit Anti-BCMA antibody

Flow cytometric overlay histogram HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen (Left) / U266B1 (human multiple myeloma B lymphocyte cell line (Right)) labelling BCMA with ab284647 at 1/50 dilution (Red). Isotype control: Rabbit monoclonal isotype control - Alexa Fluor® 488 (Black). Unlabelled control: Cells without incubation with primary antibody and secondary antibody (Blue). Gated on viable cells. Negative control: HEK-293T (PMID: 18025285).

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