abcam

ab300094

Alexa Fluor® 647 Anti-BCMA antibody [EPR22457-260]

Anti-BCMA antibody [EPR22457-260] - Alexa Fluor® 647 conjugated (ab300094) is a rabbit recombinant monoclonal antibody detecting BCMA in **Flow Cytometry, ICC/IF**. Suitable for **Human**.

- Biophysical QC for unrivalled batch-batch consistency

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Conjugation	Alexa Fluor® 647
Excitation/Emission	Ex: 650nm, Em: 665nm
Storage buffer	pH: 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	1/500
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

What is this antibody validated in?
Alexa Fluor® 647 Anti-BCMA antibody [EPR22457-260] (ab300094) is a rabbit recombinant monoclonal antibody and is validated for use in Flow Cytometry (Flow Cyt), Immunocytochemistry/immunofluorescence (ICC/IF) in Human samples.

Related products
Antibody clone EPR22457-260 is also available pre-conjugated to a variety of labels for your convenience – Anti-BCMA Alexa Fluor® 647 [EPR22457-260] (ab300094).

Other related products
We have a range of other formats of antibody clone [EPR22457-260] also available for your convenience: ab253242, Carrier free - ab254205, Alexa Fluor® 488 - ab284647, Alexa Fluor® 647 - ab300094

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.

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.

Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.

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.

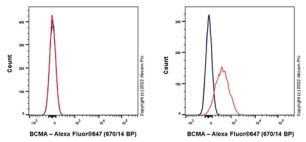
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

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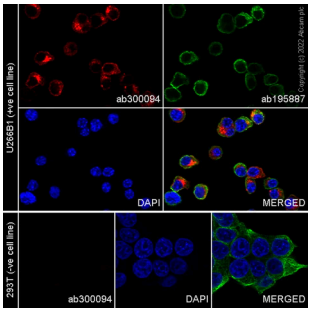
2 product images



Flow Cytometry - Alexa Fluor® 647 Anti-BCMA antibody [EPR22457-260] (ab300094)

BCMA Flow Cytometry staining using rabbit Anti-BCMA antibody

Flow Cytometry analysis of 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 ab300094 at a 1/500 dilution. Isotype control - Rabbit monoclonal isotype control - Alexa Fluor® 647 (Black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (Blue) Gated on viable cells. Negative control: HEK-293T (PMID: 18025285).



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-BCMA antibody [EPR22457-260] (ab300094)

BCMA Immunocytochemistry/ Immunofluorescence staining of U266B1 (human multiple myeloma B lymphocytes) using rabbit Anti-BCMA antibody

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U266B1 (human multiple myeloma B lymphocytes) labelling BCMA with ab300094 at 1/50 dilution (red). Confocal image showing cytoplasmic and weak membranous staining in U266B1 cell line. The nuclear counterstain is DAPI (blue). Tubulin is detected with ab195887 Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 488) (green) at 1/200 dilution.

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