

Product datasheet

Anti-Bok antibody [BOK-R1-5-1] - BSA and Azide free ab233700

KO VALIDATED Recombinant RabMAb[®]

4 Images

Overview

Product name	Anti-Bok antibody [BOK-R1-5-1] - BSA and Azide free
Description	Rabbit monoclonal [BOK-R1-5-1] to Bok - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Bok aa 1-100. The exact sequence is proprietary. Database link: Q9UMX3
Positive control	WB: MEF and HepG2 cell lysate.
General notes	Ab233700 is the carrier-free version of ab233072 . This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.

Our [carrier-free formats](#) are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.

Use our [conjugation kits](#) for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

ab233700 is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm.

Maxpar[®] is a trademark of Fluidigm Canada Inc.

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 production

For more information [see here](#).

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

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	BOK-R1-5-1
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab233700** in the following tested applications.

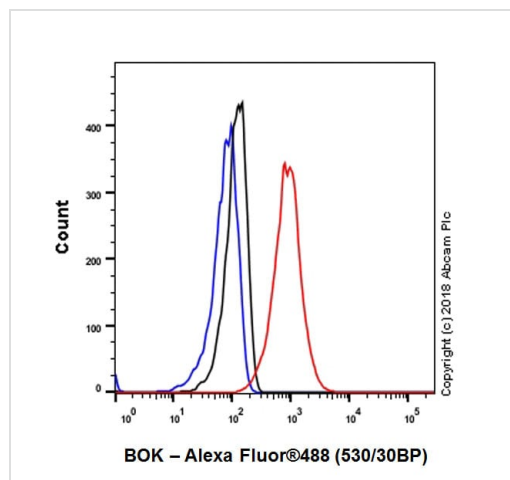
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 23 kDa.
Flow Cyt		Use at an assay dependent concentration.

Target

Function	May play a role in apoptosis.
Tissue specificity	Expressed in brain, liver, appendix and lymphoid tissues.

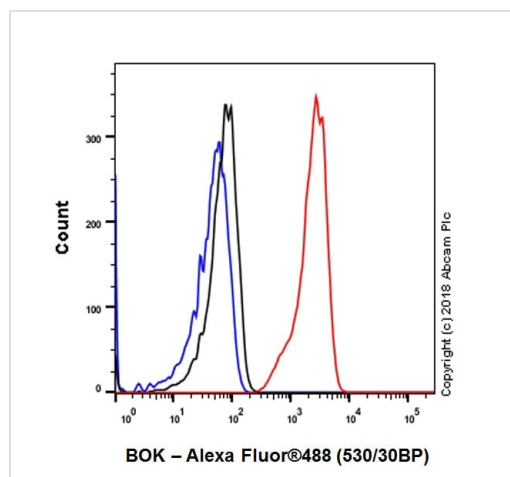
Images



Flow Cytometry - Anti-Bok antibody [BOK-R1-5-1] - BSA and Azide free (ab233700)

Flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized MCF7 (Human breast adenocarcinoma epithelial cell) cells labelling Bok with [ab233072](#) at 1/50 (red) compared with a Rabbit monoclonal IgG ([ab172730](#)) (black) and an unlabelled control (cells incubated with secondary antibody only) (blue). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)), at 1/2000 dilution was used as the secondary antibody.

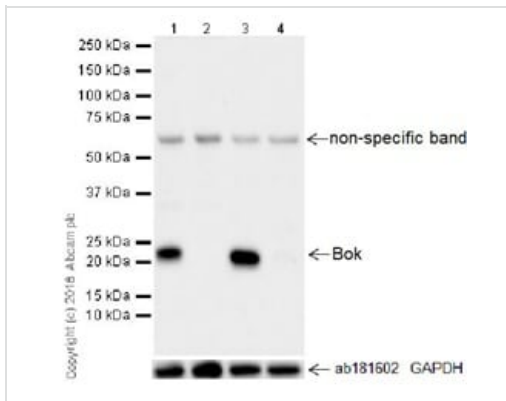
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab233072](#)).



Flow Cytometry - Anti-Bok antibody [BOK-R1-5-1] - BSA and Azide free (ab233700)

Flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized HepG2 (Human hepatocellular carcinoma epithelial cell) cell line labeling Bok with [ab233072](#) at 1/50 (red) compared with a Rabbit monoclonal IgG ([ab172730](#)) (black) and an unlabelled control (cells incubated with secondary antibody only) (blue). Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)), at 1/2000 dilution was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab233072](#)).



Western blot - Anti-Bok antibody [BOK-R1-5-1] - BSA and Azide free (ab233700)

All lanes : Anti-Bok antibody [BOK-R1-5-1] ([ab233072](#)) at 1/5000 dilution

Lane 1 : Wild-type MEF cell lysate

Lane 2 : Bok knockout MEF cell lysate

Lane 3 : Wild-type HepG2 cell lysate

Lane 4 : Bok knockout HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 23 kDa





Exposure time: 70 seconds

Blocking/diluting buffer and concentration: 5% NFDm/TBST.

The cell lysates were kindly provided by our collaborator Dr. Thomas Kaufmann, University of Bern, Switzerland.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab233072](#)).

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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