

Product datasheet

Anti-TRIB3 antibody [EPR3151Y] - BSA and Azide free ab239867

KO VALIDATED Recombinant RabMAB

3 Images

Overview

Product name	Anti-TRIB3 antibody [EPR3151Y] - BSA and Azide free
Description	Rabbit monoclonal [EPR3151Y] to TRIB3 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, WB Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HCT116 cell lysates; 293T cell lysates, untreated and treated with Ionomycin and TPA. IP: 293T.
General notes	<p>ab239867 is the carrier-free version of ab75846.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>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.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAB[®] technology is a patented hybridoma-based technology for making rabbit</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Properties

Form	Liquid
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	EPR3151Y
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab239867 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

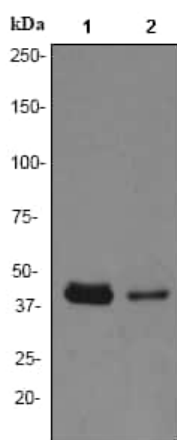
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 40 kDa (predicted molecular weight: 40 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Function	Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the 'Thr-308' phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and inhibits its phosphorylation and thus its transcriptional activation activity. Interacts with MAPK kinases and regulates activation of MAP kinases. May play a role in programmed neuronal cell death but does not appear to affect non-neuronal cells. Does not display kinase activity.
Tissue specificity	Highest expression in liver, pancreas, peripheral blood leukocytes and bone marrow. Also highly expressed in a number of primary lung, colon and breast tumors. Expressed in spleen, thymus, and prostate and is undetectable in other examined tissues, including testis, ovary, small intestine, colon, leukocyte, heart, brain, placenta, lung, skeletal muscle, and kidney.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Tribbles subfamily. Contains 1 protein kinase domain.

Images



Western blot - Anti-TRIB3 antibody [EPR3151Y] - BSA and Azide free (ab239867)

All lanes : Anti-TRIB3 antibody [EPR3151Y] ([ab75846](#)) at 1/10000 dilution

Lane 1 : 293T cell lysates, treated with Ionomycin and TPA

Lane 2 : 293T cell lysates, untreated

Lysates/proteins at 10 µg per lane.

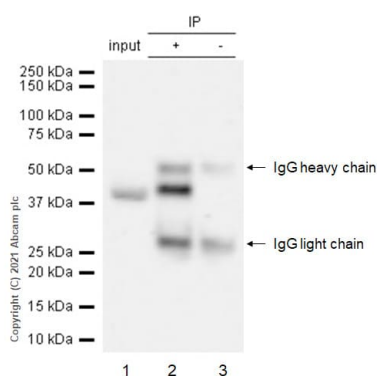
Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 40 kDa

Observed band size: 40 kDa

This data was developed using [ab75846](#), the same antibody clone in a different buffer formulation.



Immunoprecipitation - Anti-TRIB3 antibody [EPR3151Y] - BSA and Azide free (ab239867)

This data was developed using [ab75846](#), the same antibody clone in a different buffer formulation.

TRIB3 was immunoprecipitated from 0.35 mg 293T (Human embryonic kidney epithelial cell) whole cell lysate 10 µg with [ab75846](#) at 1/50 dilution (2µg). VeriBlot for IP Detection Reagent (HRP)([ab131366](#)) was used at 1/5000 dilution.

Lane 1: 293T (Human embryonic kidney epithelial cell) whole cell lysate 10 µg

Lane 2: abab75846 IP in 293T whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab75846](#) in 293T whole cell lysate

Blocking and dilution buffer and concentration: 5% NFD/MTBST.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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

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