

Product datasheet

Anti-C19orf63 antibody [EPR13223] - BSA and Azide free ab250428

KO VALIDATED Recombinant RabMAb

2 Images

Overview

Product name	Anti-C19orf63 antibody [EPR13223] - BSA and Azide free
Description	Rabbit monoclonal [EPR13223] to C19orf63 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), ICC/IF, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HeLa and A549 cell lysates.
General notes	<p>ab250428 is the carrier-free version of ab181209.</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 monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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	EPR13223
Isotype	IgG

Applications

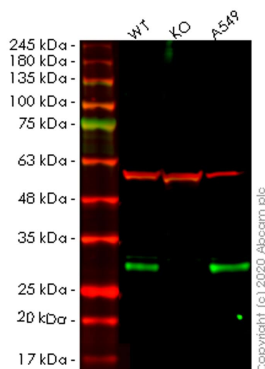
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250428 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).

Target

Tissue specificity	Present in serum (at protein level). Expressed in the pituitary gland; very low levels in other brain regions.
Sequence similarities	Belongs to the EMC10 family.
Post-translational modifications	Glycosylated.
Cellular localization	Secreted and Membrane.

Images



Western blot - Anti-C19orf63 antibody [EPR13223] - BSA and Azide free (ab250428)

All lanes : Anti-C19orf63 antibody [EPR13223] ([ab181209](#)) at 1/1000 dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : EMC10 knockout HeLa cell lysate

Lane 3 : A549 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) at 1/10000 dilution

Predicted band size: 27 kDa

Observed band size: 27 kDa

This data was developed using the same antibody clone in a different buffer formulation ([ab181209](#)).

Lanes 1-4: Merged signal (red and green). Green - [ab181209](#) observed at 27 kDa. Red - loading control [ab7291](#) observed at 50 kDa.

[ab181209](#) Anti-C19orf63 antibody [EPR13223] was shown to specifically react with C19orf63 in wild-type HeLa cells. Loss of signal was observed when knockout cell line [ab265783](#) (knockout cell lysate [ab257939](#)) was used. Wild-type and C19orf63 knockout samples were subjected to SDS-PAGE. [ab181209](#) and Anti-alpha Tubulin antibody [DM1A] - Loading Control ([ab7291](#)) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed ([ab216773](#)) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed ([ab216776](#)) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.

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

Anti-C19orf63 antibody [EPR13223] - BSA and Azide free (ab250428)

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

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