


Anti-DBC1 antibody [EPR7311] - BSA and Azide free ab248201

Recombinant RabMAb

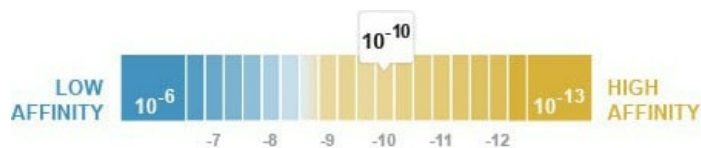
4 Images

Overview

Product name	Anti-DBC1 antibody [EPR7311] - BSA and Azide free
Description	Rabbit monoclonal [EPR7311] to DBC1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248201 is the carrier-free version of ab128890.</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.
Dissociation constant (K _D)	K _D = 1.39 x 10 ⁻¹⁰ M



[Learn more about K_D](#)

Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR7311
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248201 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

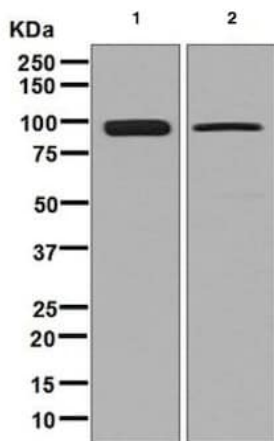
Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 88 kDa (predicted molecular weight: 89 kDa).

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

Target

Function	Inhibits cell proliferation by negative regulation of the G1/S transition. Mediates cell death which is not of the classical apoptotic type and regulates expression of components of the plasminogen pathway.
Tissue specificity	Highly expressed in brain. Weakly expressed in heart, lung, skeletal muscle, kidney, thymus, prostate, testis and small intestine.
Sequence similarities	Belongs to the FAM5 family. Contains 1 MACPF domain.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-DBC1 antibody [EPR7311] - BSA and Azide free (ab248201)

All lanes : Anti-DBC1 antibody [EPR7311] ([ab128890](#)) at 1/10000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : MCF7 cell lysate

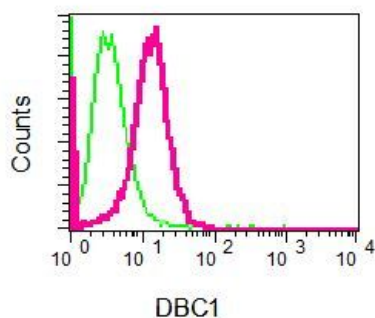
Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 89 kDa

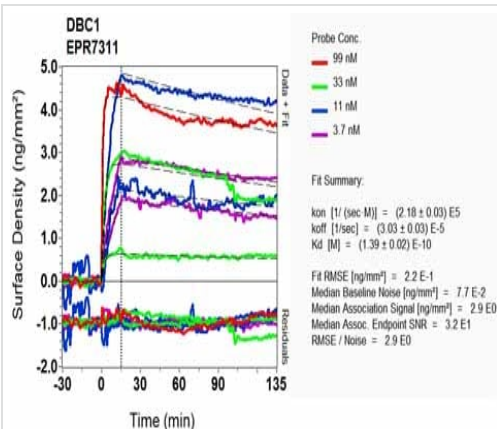
This data was developed using [ab128890](#), the same antibody clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-DBC1 antibody [EPR7311] - BSA and Azide free (ab248201)

This data was developed using [ab128890](#), the same antibody clone in a different buffer formulation.

[ab128890](#) at 1/10 dilution staining DBC1 in permeabilized MCF7 cells by intracellular flow cytometry (red). Rabbit IgG negative control (green).



OIR-D Scanning - Anti-DBC1 antibody [EPR7311] - BSA and Azide free (ab248201)

This data was developed using [ab128890](#), the same antibody clone in a different buffer formulation. Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-DBC1 antibody [EPR7311] - BSA and Azide free (ab248201)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors