

Anti-BRAT1 antibody [EPR13753-43] - BSA and Azide free ab250537

Recombinant RabMAb

4 Images

Overview

Product name	Anti-BRAT1 antibody [EPR13753-43] - BSA and Azide free
Description	Rabbit monoclonal [EPR13753-43] to BRAT1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), IP, WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250537 is the carrier-free version of ab181868.</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	EPR13753-43
Isotype	IgG

Applications

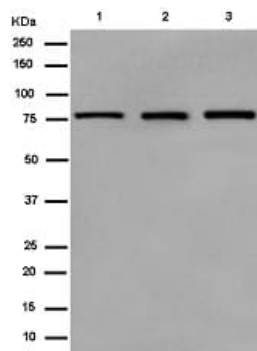
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250537 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 75 kDa (predicted molecular weight: 88 kDa).

Target

Function	Required for activation of ATM following ionizing radiation. May act by regulating dephosphorylation of ATM.
Tissue specificity	Ubiquitously expressed.
Sequence similarities	Contains 2 HEAT repeats.
Cellular localization	Nucleus. Present at double strand breaks (DSBs) following ionizing radiation treatment.

Images



Western blot - Anti-BRAT1 antibody [EPR13753-43]
- BSA and Azide free (ab250537)

All lanes : Anti-BRAT1 antibody [EPR13753-43] - C-terminal
([ab181868](#)) at 1/2000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293 cell lysate

Lane 3 : Jurkat cell lysate

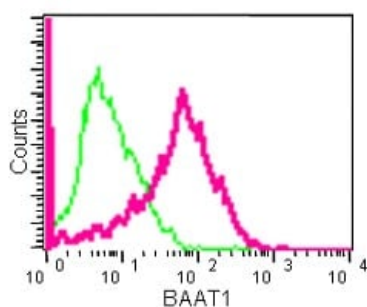
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at
1/1000 dilution

Predicted band size: 88 kDa

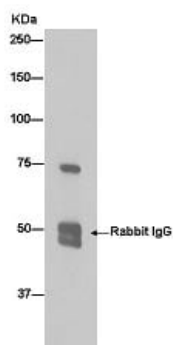
This data was developed using [ab181868](#), the same antibody
clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-BRAT1 antibody
[EPR13753-43] - BSA and Azide free (ab250537)

This data was developed using [ab181868](#), the same antibody
clone in a different buffer formulation.

Intracellular flow cytometric analysis of 293 cells (paraformaldehyde-
fixed, 2%) labeling BRAT1 with [ab181868](#) at 1/100 dilution (red) or
a rabbit IgG (negative) (green), followed by Goat anti rabbit IgG
(FITC) secondary at 1/150 dilution.



Immunoprecipitation - Anti-BRAT1 antibody
[EPR13753-43] - BSA and Azide free (ab250537)

This data was developed using **ab181868**, the same antibody clone in a different buffer formulation. Western blot analysis of immunoprecipitation pellet from 293 cell lysate immunoprecipitated using **ab181868** at 1/50 dilution.
Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.

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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