

Product datasheet

Anti-PRMT3 antibody [EPR13279] - BSA and Azide free ab240322

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-PRMT3 antibody [EPR13279] - BSA and Azide free
Description	Rabbit monoclonal [EPR13279] to PRMT3 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP, IHC-P
Species reactivity	Reacts with: Human
Immunogen	This product was produced with the following immunogens: Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	ab240322 is the carrier-free version of ab191562 . 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

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	EPR13279
Isotype	IgG

Applications

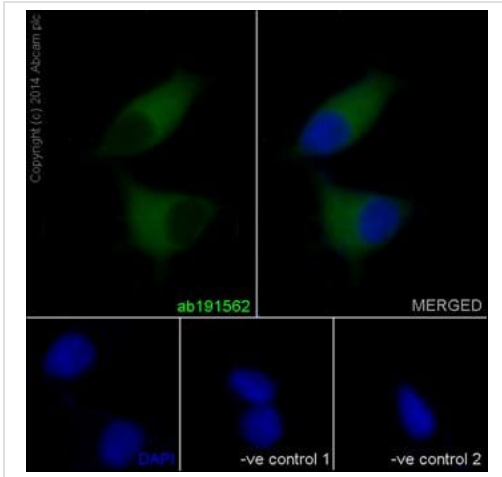
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab240322 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 70 kDa (predicted molecular weight: 60 kDa).
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in some proteins.
Sequence similarities	Belongs to the protein arginine N-methyltransferase family. Contains 1 C2H2-type zinc finger.
Domain	The zinc-finger is responsible for substrate specificity.
Cellular localization	Cytoplasm.

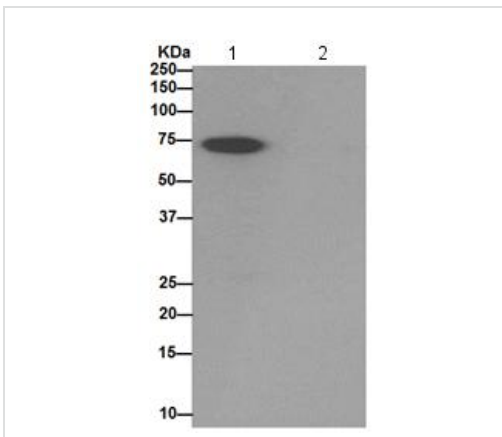
Images



Immunocytochemistry/ Immunofluorescence - Anti-PRMT3 antibody [EPR13279] - BSA and Azide free (ab240322)

Immunofluorescence analysis of, paraformaldehyde-fixed, MCF7 cells labeling PRMT3 with **ab191562** at a 1/50 dilution. As secondary antibody goat anti-rabbit IgG (Alexa Fluor® 488) **ab150077** was used at a 1/200 dilution. In blue DAPI staining. In the negative controls cells were treated with anti-PRMT3 at a 1/50 dilution as primary antibody and goat anti-mouse IgG (Alexa Fluor® 594) at a 1/400 dilution as secondary antibody.

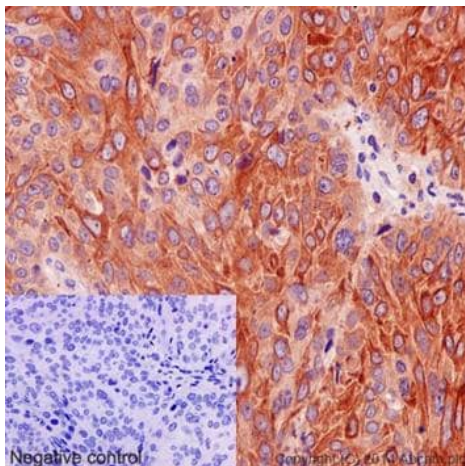
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab191562**).



Immunoprecipitation - Anti-PRMT3 antibody [EPR13279] - BSA and Azide free (ab240322)

Western blot analysis on immunoprecipitation from 1) 293 cell lysate and 2) PBS, labeling PRMT3 using **ab191562** at 1/40 dilution and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG at a 1/1500 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab191562**).



Immunohistochemical analysis of paraffin-embedded, human cervix carcinoma tissue labeling PRMT3 with **ab191562** at a 1/100 dilution. Counter stained with hematoxylin. In the negative control PBS was used instead of primary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab191562**).

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PRMT3 antibody [EPR13279] - BSA and Azide free (ab240322)

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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