


Product datasheet

Anti-RPS3A antibody [EPR11982(B)] - BSA and Azide free ab249646

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-RPS3A antibody [EPR11982(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR11982(B)] to RPS3A - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human RPS3A aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: P61247
General notes	<p>ab249646 is the carrier-free version of ab171742.</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](#).

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	EPR11982(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249646 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

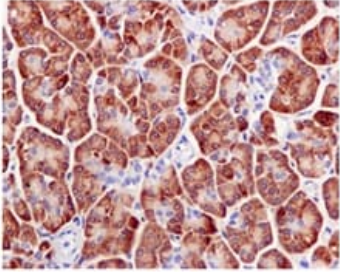
Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 30 kDa.

Application notes Is unsuitable for Flow Cyt or IP.

Target

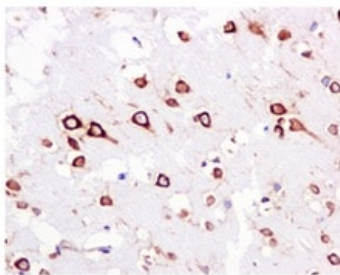
Function	May play a role during erythropoiesis through regulation of transcription factor DDIT3.
Sequence similarities	Belongs to the ribosomal protein S3Ae family.
Cellular localization	Cytoplasm. Nucleus. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

Images



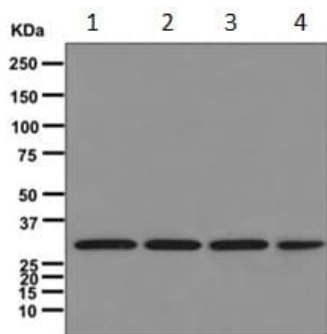
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RPS3A antibody [EPR11982(B)] - BSA and Azide free (ab249646)

This data was developed using **ab171742**, the same antibody clone in a different buffer formulation. Immunohistochemistry of paraffin-embedded Human pancreas tissue labeling RPS3A using **ab171742** at 1/250 dilution. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



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Western blot - Anti-RPS3A antibody [EPR11982(B)] - BSA and Azide free (ab249646)

All lanes : Anti-RPS3A antibody [EPR11982(B)] (**ab171742**) at 1/10000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : A431 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 30 kDa

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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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