


Product datasheet

Anti-GRK6 antibody [EPR2046(2)] - BSA and Azide free ab247827

Recombinant RabMAb

2 Images

Overview

Product name	Anti-GRK6 antibody [EPR2046(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR2046(2)] to GRK6 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247827 is the carrier-free version of ab109302.</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>

Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

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	EPR2046(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab247827 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

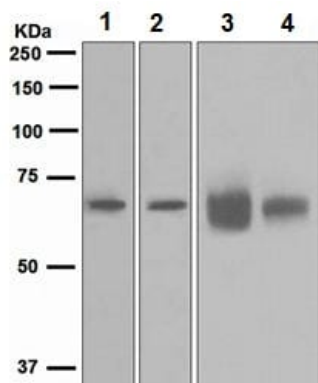
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 66 kDa.

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Specifically phosphorylates the activated forms of G protein-coupled receptors.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain. Contains 1 RGS domain.
Post-translational modifications	It is uncertain whether palmitoylation is on Cys-561 and/or Cys-562 and/or Cys-565.
Cellular localization	Membrane.
Form	There are 2 isoforms produced by alternative splicing.

Images



Western blot - Anti-GRK6 antibody [EPR2046(2)] - BSA and Azide free (ab247827)

All lanes : Anti-GRK6 antibody [EPR2046(2)] ([ab109302](#)) at 1/1000 dilution

Lane 1 : U937 cell lysate

Lane 2 : Ramos cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 66 kDa

This data was developed using [ab109302](#), the same antibody clone in a different buffer formulation.

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-GRK6 antibody [EPR2046(2)] - BSA and Azide free (ab247827)

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

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