

Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody [EPR12270] - BSA and Azide free ab249697

Recombinant RabMAb

2 Images

Overview

Product name	Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody [EPR12270] - BSA and Azide free
Description	Rabbit monoclonal [EPR12270] to Guanylyl Cyclase alpha 1/GUCY1A3 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Recombinant fragment within Human Guanylyl Cyclase alpha 1/GUCY1A3. The exact sequence is proprietary. Database link: Q02108
General notes	<p>ab249697 is the carrier-free version of ab172480.</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	Affinity purified
Clonality	Monoclonal
Clone number	EPR12270
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249697 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

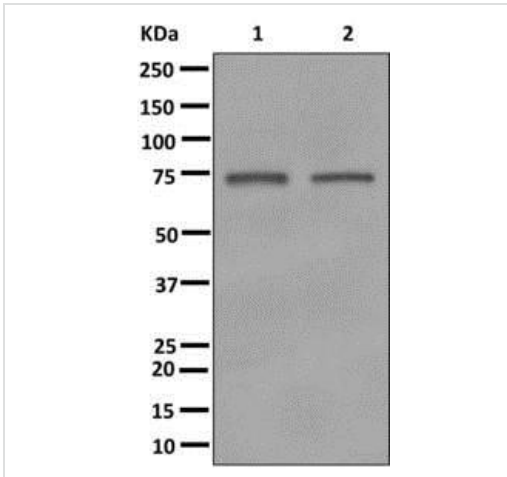
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 77 kDa.

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

Target

Sequence similarities	Belongs to the adenylyl cyclase class-4/guanylyl cyclase family. Contains 1 guanylate cyclase domain.
Cellular localization	Cytoplasm.

Images



Western blot - Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody [EPR12270] - BSA and Azide free (ab249697)

All lanes : Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody [EPR12270] ([ab172480](#)) at 1/1000 dilution

Lane 1 : Human fetal kidney tissue lysate





Lane 2 : Human fetal lung tissue lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 77 kDa

This data was developed using [ab172480](#), 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-Guanylyl Cyclase alpha 1/GUCY1A3 antibody [EPR12270] - BSA and Azide free (ab249697)

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

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