

Product datasheet

Anti-Naked1 antibody [EPR8603] - BSA and Azide free ab248595

Recombinant RabMAb

Overview

Product name	Anti-Naked1 antibody [EPR8603] - BSA and Azide free
Description	Rabbit monoclonal [EPR8603] to Naked1 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, IP, WB, ICC/IF Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Naked1 aa 200-300. The exact sequence is proprietary. Database link: Q969G9
General notes	<p>Ab248595 is the carrier-free version of ab133650. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</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>ab248595 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></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> <p>This product is a recombinant rabbit monoclonal antibody.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Purity	Affinity purified

Clonality	Monoclonal
Clone number	EPR8603
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab248595** 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 before commencing with IHC staining protocol.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 52 kDa.
ICC/IF		Use at an assay dependent concentration.

Application notes	Is unsuitable for Flow Cyt.
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Target

Relevance	Naked1 (Nkd1) is a homologue of Drosophila Naked cuticle, a negative regulator of Wnt/Wingless signaling pathway. Naked proteins contain a putative calcium-binding EF-hand motif; however, Drosophila Naked binds to zinc instead of calcium. Naked inhibits the canonical Wnt/ β -catenin pathway by binding to Dishevelled proteins and directs Dishevelled activity towards the planar cell polarity pathway. Naked1 is a direct target of Wnt signaling and is overexpressed in some colon tumors due to constitutive activation of Wnt/ β -catenin pathway.
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Cellular localization	Cell membrane
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