


Product datasheet

Anti-NRK1 antibody [EPR11190] ab169548

Recombinant RabMAb

[2 References](#) [3 Images](#)

Overview

Product name	Anti-NRK1 antibody [EPR11190]
Description	Rabbit monoclonal [EPR11190] to NRK1
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide corresponding to Human NRK1. Database link: Q9NWW6
Positive control	IM-9, LoVo, HT-29 and MCF7 cell lysates; HT-29 cells.
General notes	<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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR11190
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab169548 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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/10000 - 1/50000. Predicted molecular weight: 23 kDa.

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

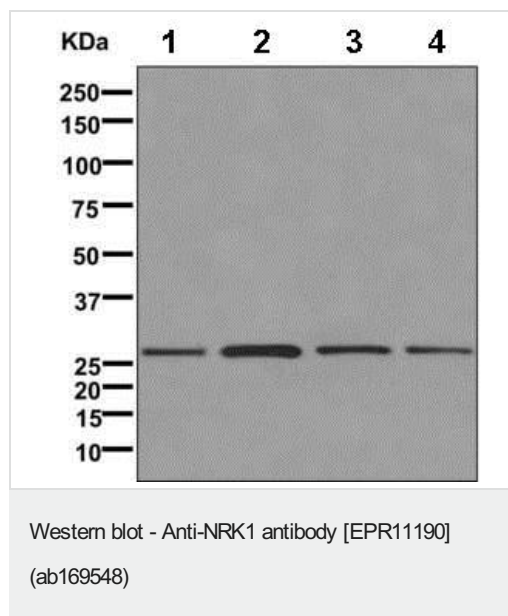
Target

Function Catalyzes the phosphorylation of nicotinamide riboside (NR) and nicotinic acid riboside (NaR) to form nicotinamide mononucleotide (NMN) and nicotinic acid mononucleotide (NaMN). The enzyme also phosphorylates the antitumor drugs tiazofurin and 3-deazaguanosine.

Pathway Cofactor biosynthesis; NAD(+) biosynthesis.

Sequence similarities Belongs to the uridine kinase family. NRK subfamily.

Images



All lanes : Anti-NRK1 antibody [EPR11190] (ab169548) at 1/10000 dilution

Lane 1 : IM-9 cell lysate

Lane 2 : LoVo cell lysate

Lane 3 : HT-29 cell lysate

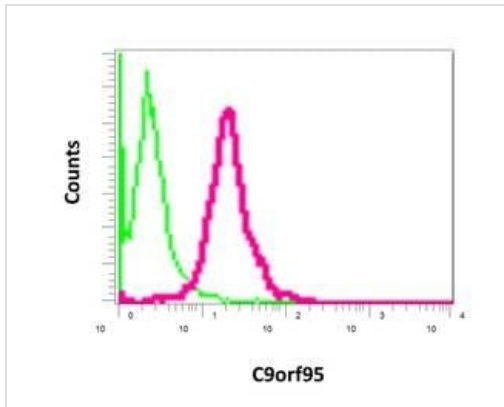
Lane 4 : MCF7 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labeled goat anti-rabbit at 1/2000 dilution

Predicted band size: 23 kDa



Intracellular flow cytometric analysis of permeabilized HT-29 cells labeling NRK1 with ab169548 at 1/10 dilution (red) compared a rabbit IgG negative control (green).

Flow Cytometry (Intracellular) - Anti-NRK1 antibody [EPR11190] (ab169548)

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-NRK1 antibody [EPR11190] (ab169548)

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

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