


Product datasheet

Anti-Wnt3 and Wnt3a antibody [EPR4920(2)] ab172612

Recombinant **RabMAb**

16 References 2 Images

Overview

Product name	Anti-Wnt3 and Wnt3a antibody [EPR4920(2)]
Description	Rabbit monoclonal [EPR4920(2)] to Wnt3 and Wnt3a
Host species	Rabbit
Specificity	This antibody is specific for both Wnt3 and Wnt3a based on the fact that the immunogen sequence is 100% identical for both.
Tested applications	Suitable for: WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Recombinant fragment Predicted to work with: Mouse, Rat, Human 
Immunogen	Synthetic peptide within Human Wnt3 and Wnt3a aa 150-250 (Cysteine residue). The exact sequence is proprietary. SwissProt: P56703 and P56704 Database link: P56704
Positive control	CHO cells transfected with Human Wnt3a.
General notes	<p>This antibody was developed as part of a collaboration with Karl Willert's lab from the University of California at San Diego.</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> <p>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR4920(2)
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab172612 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

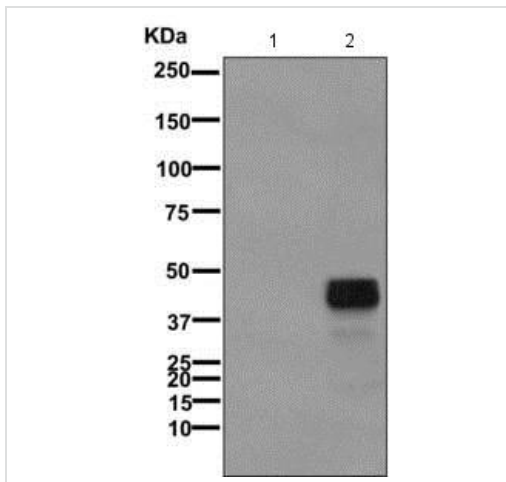
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 39 kDa.

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

Target

Relevance Proto-oncogene Wnt-3: Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube. Protein Wnt-3a: Ligand for members of the frizzled family of seven transmembrane receptors. Wnt-3 and Wnt-3a play distinct roles in cell-cell signaling during morphogenesis of the developing neural tube.

Images



Western blot - Anti-Wnt3 and Wnt3a antibody [EPR4920(2)] (ab172612)

All lanes : Anti-Wnt3 and Wnt3a antibody [EPR4920(2)] (ab172612) at 1/10000 dilution


Lane 1 : CHO cell lysate, non-transfected

Lane 2 : CHO cell lysate, transfected with Human Wnt3a


Lysates/proteins at 10 µg per lane.

Predicted band size: 39 kDa


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-Wnt3 and Wnt3a antibody [EPR4920(2)] (ab172612)

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

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