abcam

Product datasheet

Anti-Wnt3 and Wnt3a antibody [EPR4920(2)] - BSA and Azide free ab240167

Recombinant   RabMAb

2 Images

Overview

Product name	Anti-Wnt3 and Wnt3a antibody [EPR4920(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR4920(2)] to Wnt3 and Wnt3a - BSA and Azide free
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:** Human **Predicted to work with:** Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	ab240167 is the carrier-free version of **ab172612**. This antibody was developed as part of a collaboration with Karl Willert’s lab from the University of California at San Diego. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply

- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit 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	Protein A purified
Clonality	Monoclonal
Clone number	EPR4920(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab240167 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
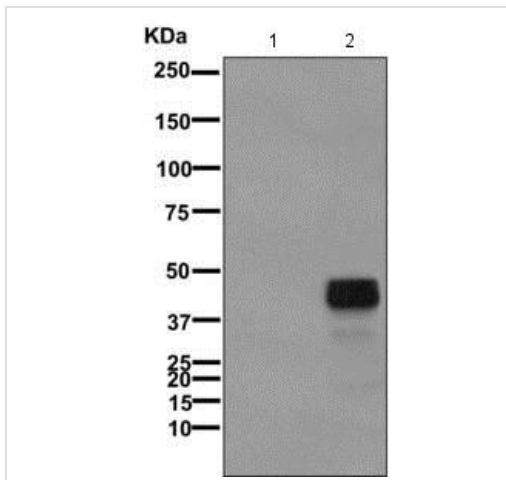
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 39 kDa.

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)] - BSA and Azide free (ab240167)

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

This data was developed using **ab172612**, the same antibody clone in a different buffer formulation.

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