

Mouse anti-Human Wnt3a Monoclonal Antibody | anti-Wnt3a antibody

Wnt3a antibody

CATALOG # AAA48039	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Wnt3a; Monoclonal Antibody; Wnt3a antibody; wingless-type MMTV integration site family; member 3A; anti-Wnt3a antibody

PRODUCT SPECIFICATIONS

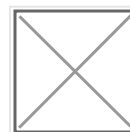
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	3A6
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	352
Applicable Applications for anti-Wnt3a antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human Wnt3a (19-352aa) purified from E. coli
Clone Note	Anti-human Wnt3a mAb, clone 3A6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human Wnt3a protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IHC (Immunohistochemistry)

Paraffin embedded sections of human breast cancer tissue were incubated with anti-human Wnt3a (1:50) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)



WB (Western Blot)

The lysates of A549 (20ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human Wnt3a (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

ADDITIONAL INFORMATION

Related Product Information for anti-Wnt3a antibody	Wingless-type MMTV integration site family, member 3A (Wnt3a) is a member of the Wnt family. The Wnt gene family is representative of a growing class of multifunctional factors that play a role in both tumorigenesis and patterning events required for normal differentiation and development. Wnt3a is a ligand for members of the frizzled family of seven transmembrane receptors.
Product Categories/Family for anti-Wnt3a antibody	Development
References	Pan W., et al. (2008) Science. 321 (5894):1350-1353; Katoh M., et al. (2002) Int J Oncol. 20 (2):373-377; Smolich B D., et al. (1993) Mol Biol Cell. 4 (12):1267-1275

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916475
NCBI GeneID	89780
NCBI Accession #	NP_149122
NCBI GenBank Nucleotide #	NM_033131.3
UniProt Accession #	P56704; Q3SY79; Q3SY80; Q969P2
Molecular Weight	42,905 Da
NCBI Official Full Name	protein Wnt-3a
NCBI Official Synonym Full Names	Wnt family member 3A
NCBI Official Symbol	WNT3A
NCBI Protein Information	protein Wnt-3a
UniProt Protein Name	Protein Wnt-3a
UniProt Gene Name	WNT3A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/wnt3a-antibody-clone-3a6-immunohistochemistry-western-blot-elisa/48039>