Mouse anti-Human, Mouse Wnt-1 Monoclonal Antibody | anti-Wnt-1 antibody

Wnt-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320256	**Mouse**	**Human, Mouse**	**ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Wnt-1; Monoclonal Antibody; Wnt-1 Monoclonal Antibody; Proto-oncogene Wnt-1; WNT1; INT1; Proto-oncogene Int-1 homolog; anti-Wnt-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Wnt-1 Monoclonal Antibody detects endogenous levels of Wnt-1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-Wnt-1 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of Wnt-1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Hela cells using Wnt-1 Monoclonal Antibody (green) and negative control (purple).

IF (Immunofluorescence)
Confocal immunofluorescence analysis of Hela (left) and 3T3-L1 (right) cells using Wnt-1 Monoclonal Antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human LAdrenal tissues with AEC staining using Wnt-1 Monoclonal Antibody.

WB (Western Blot)
Western Blot analysis using Wnt-1 Monoclonal Antibody against NIH/3T3 (1). 3T3L1 (2) and HeLa (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-Wnt-1 antibody	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis.This gene is a member of the WNT gene family. It is very conserved in evolution, andThe protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in
Product Categories/Family for anti-Wnt-1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885655
NCBI GeneID	7471
NCBI Accession #	NP_005421.1
NCBI GenBank Nucleotide #	NM_005430.3
UniProt Accession #	P04628; Q5U0N2
Molecular Weight	40,982 Da
NCBI Official Full Name	proto-oncogene Wnt-1
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 1
NCBI Official Symbol	WNT1
NCBI Official Synonym Symbols	INT1; OI15; BMND16
NCBI Protein Information	proto-oncogene Wnt-1; proto-oncogene Int-1 homolog; wingless-type MMTV integration site family, member 1 (oncogene INT1)
UniProt Protein Name	Proto-oncogene Wnt-1
UniProt Gene Name	**WNT1**
UniProt Synonym Gene Names	INT1
UniProt Entry Name	WNT1_HUMAN

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/wnt-1-antibody-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320256