

Wnt-1 (7A3) Mouse mAb

CatalogNo: YM0649 Orthogonal Validated 

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, FC, ELISA

MW

- 41kD (Calculated)

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

IF 1:200-1:1000

Flow Cyt 1:200-1:400

ELISA 1:10000

Not yet tested in other applications.

Basic Information

Clonality Monoclonal

Clone Number 7A3

Immunogen Information

Immunogen Purified recombinant fragment of Wnt-1 expressed in E. Coli.

Specificity Wnt-1 Monoclonal Antibody detects endogenous levels of Wnt-1 protein.

Target Information

Gene name WNT1

Protein Name Proto-oncogene Wnt-1

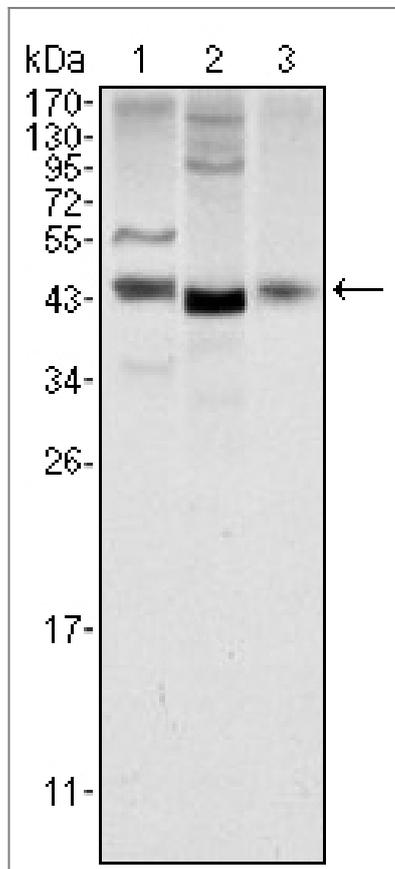
Organism	Gene ID	UniProt ID
Human	7471 ;	P04628 ;
Mouse	22408 ;	P04426 ;

Cellular Localization Secreted, extracellular space, extracellular matrix . Secreted .

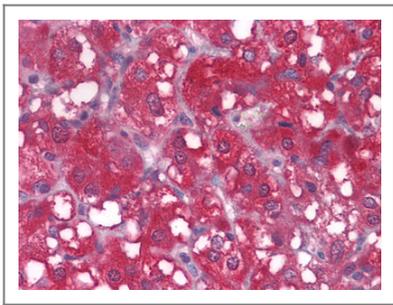
Tissue specificity Testis,

Function Function:Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule important in CNS development. Is likely to signal over only few cell diameters.,similarity:Belongs to the Wnt family.,subunit:Interacts with PORCN. Interacts with RSPO1, RSPO2 and RSPO3.,

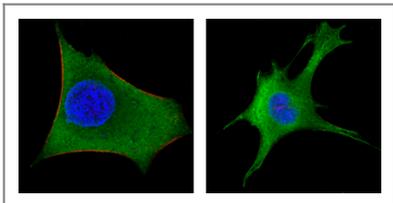
Validation Data



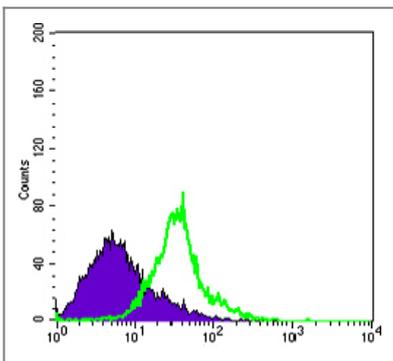
Western Blot analysis using Wnt-1 Monoclonal Antibody against NIH/3T3 (1), 3T3L1 (2) and HeLa (3) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human LArenal tissues with AEC staining using Wnt-1 Monoclonal Antibody.



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.



Flow cytometric analysis of HeLa cells using Wnt-1 Monoclonal Antibody (green) and negative control (purple).

Contact information

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Please scan the QR code to access additional product information:
Wnt-1 (7A3) Mouse mAb

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