Mouse IFT57 Monoclonal Antibody | anti-IFT57 antibody

IFT57 antibody

CATALOG #	HOST	APPLICATIONS
AAA108057	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence**

PRODUCT SYNONYMS

IFT57; Monoclonal Antibody; IFT57 antibody; Monoclonal IFT57; Anti-IFT57; Intraflagellar transport 57 homolog; HIPPI; MHS4R2; ESRRBL1; Estrogen related receptor beta like 1; Dermal papilla derived protein 8; Huntingtin interacting protein 1 interacting protein; IFT 57; IFT-57; anti-IFT57 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4F6
Purity/Purification	IFT57 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	234
Applicable Applications for anti-IFT57 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	IFT57 is required for the formation of cilia. It plays an indirect role in sonic hedgehog signaling, cilia being requiredfor all activity of the hedgehog pathway (By similarity). Has pro-apoptotic function via its interaction with HIP1, leading to recruit caspase-8 (CASP8) and trigger apoptosis. Has the ability to bind DNA sequence motif 5'-AAAGACATG-3'present in the promoter of caspase genes such as CASP1, CASP8 and CASP10, suggesting that it may act as a transcription regulator; however the relevance of such function remains unclear.
Cross-Reactivity	Human
Immunogen	IFT57 antibody was raised in mouse using a full length recombinant protein of human IFT57 (NP_060480) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of IFT57 protein in paraffin embedded Adenocarcinoma of Human colon tissue using IFT57 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant IFT57 protein (Right) or empty vector (Left) detected with IFT57 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-IFT57 antibody	Mouse monoclonal IFT57 antibody
Product Categories/Family for anti-IFT57 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	34783880
NCBI GeneID	55081
Molecular Weight	49,108 Da
NCBI Official Full Name	IFT57 protein, partial
NCBI Official Synonym Full Names	intraflagellar transport 57
NCBI Official Symbol	IFT57
NCBI Official Synonym Symbols	HIPPI; MHS4R2; ESRRBL1
NCBI Protein Information	intraflagellar transport protein 57 homolog
UniProt Protein Name	Intraflagellar transport protein 57 homolog
UniProt Gene Name	**IFT57**
UniProt Synonym Gene Names	DERP8; ESRRBL1; HIPPI
UniProt Entry Name	IFT57_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/ift57-antibody-clone-4f6-western-blot-immunohistochemistry-immunofluorescence-elisa/108057