

Mouse Kif 7 Monoclonal Antibody | anti-Kif7 antibody

Kif 7 Monoclonal Antibody (3F8)

CATALOG # AAA320422	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

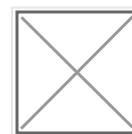
Kif 7; Monoclonal Antibody; Kif 7 Monoclonal Antibody (3F8); Kinesin-like protein KIF7; anti-Kif7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	3F8
Specificity	The antibody detects endogenous Kif 7 proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-Kif7 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthetic Peptide of Kif 7
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

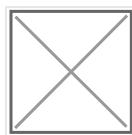
IMAGES

Application Data



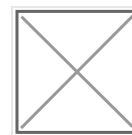
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse-colon tissue. 1.Kif 7 Monoclonal Antibody(3F8)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IHC (Immunohistochemistry)

IHC staining of Mouse Kidney tissue. diluted at 1:200.



IF (Immunofluorescence)

Immunofluorescence analysis of Hela cell. 1.C/EBP ? Polyclonal Antibody(red) was diluted at 1:200(4 degree overnight). Kif 7 Monoclonal Antibody(3F8)(green) was diluted at 1:200(4 degree overnight). 2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature. 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature. 50min).

ADDITIONAL INFORMATION

Related Product Information for anti-Kif7 antibody	This gene encodes a cilia-associated protein belonging to the kinesin family. This protein plays a role in the sonic hedgehog (SHH) signaling pathway through the regulation of GLI transcription factors. It functions as a negative regulator of the SHH pathway by preventing inappropriate activation of GLI2 in the absence of ligand, and as a positive regulator by preventing the processing of GLI3 into its repressor form. Mutations in this gene have been associated with various ciliopathies. [provided by RefSeq, Oct 2011]
Product Categories/Family for anti-Kif7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	203096856
NCBI GeneID	374654
NCBI Accession #	NP_940927.2
NCBI GenBank Nucleotide #	NM_198525.2
UniProt Accession #	Q2M1P5; Q3SXY0; Q6UXE9; Q8IW72
Molecular Weight	150,587 Da
NCBI Official Full Name	kinesin-like protein KIF7
NCBI Official Synonym Full Names	kinesin family member 7
NCBI Official Symbol	KIF7
NCBI Official Synonym Symbols	ACLS; HLS2; JBTS12; UNQ340
NCBI Protein Information	kinesin-like protein KIF7; EQYK340
UniProt Protein Name	Kinesin-like protein KIF7
UniProt Gene Name	KIF7
UniProt Entry Name	KIF7_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.