



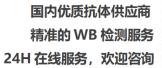
Kif 7 Monoclonal Antibody(3F8)

Catalog No	BYab-13830
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF
Gene Name	KIF7
Protein Name	Kinesin-like protein KIF7
Immunogen	Synthetic Peptide of Kif 7
Specificity	The antibody detects endogenous Kif 7 proteins.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB 500-2000 1:200 IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Kinesin-like protein KIF7
Observed Band	
Cell Pathway	Cell projection, cilium . Cytoplasm, cytoskeleton, cilium basal body . Localizes to the cilium tip.
Tissue Specificity	Embryonic stem cells, melanotic melanoma and Jurkat T-cells. Expressed in heart, lung, liver, kidney, testis, retina, placenta, pancreas, colon, small intestin, prostate and thymus.
Function	similarity:Belongs to the kinesin-like protein family. KIF27 subfamily.,similarity:Contains 1 kinesin-motor domain.,tissue specificity:Embryonic stem cells, melanotic melanoma and Jurkat T-cells.,
Background	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

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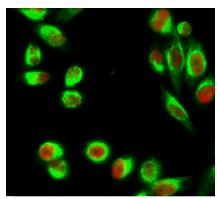
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more information, please consult technical personnel.	inological reaction related experiments. For technical personnel.	Usage suggestions

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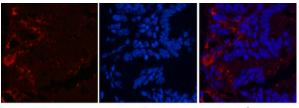




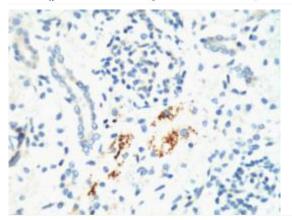
Products Images



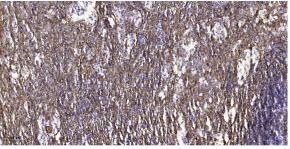
Immunofluorescence analysis of Hela cell. 1,C/EBP β Polyclonal Antibody(red) was diluted at 1:200(4° overnight). Kif 7 Monoclonal Antibody(3F8)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog:RS3208 was diluted at 1:1000(room temperature, 50min).



Immunofluorescence analysis of Mouse-colon tissue. 1,Kif 7 Monoclonal Antibody(3F8)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled 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 staining of Mouse Kidney tissue, diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200

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