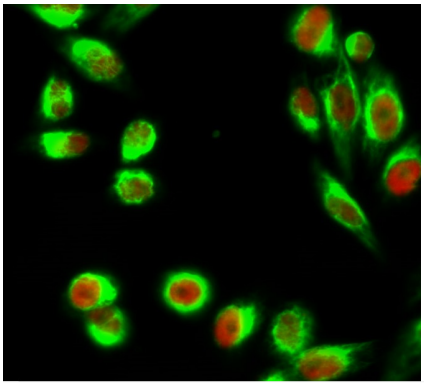
Kif 7 Monoclonal Antibody(3F8)

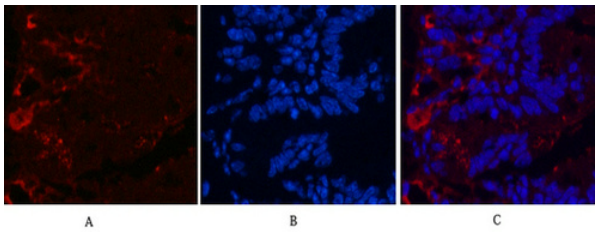
Catalog No	YP-Ab-13830
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF
Gene Name	KIF7
Protein Name	Kinesin-like protein KIF7
Immunogen	Synthetic Peptide of Kif 7
Specificity	The antibody detects endogenous Kif 7 proteins.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative 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 ciliopathies. [provided by RefSeq, Oct 2011],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

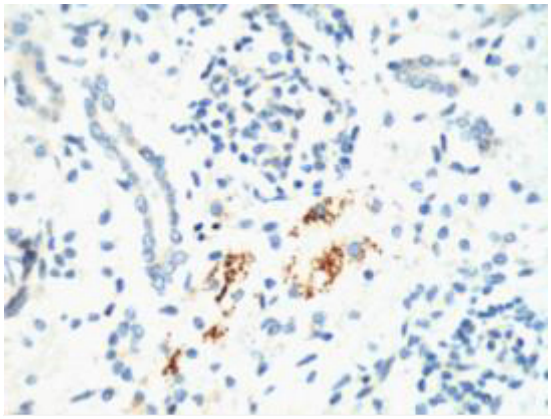
Products Images



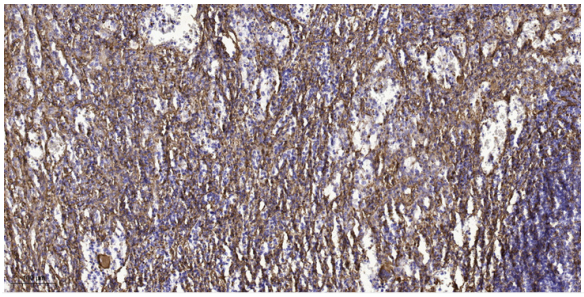
Immunofluorescence analysis of Hela cell. 1,C/EBP β Polyclonal Antibody(red) was diluted at 1:200(4° overnight). Kif 7 Monoclonal Antibody(3F8)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse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