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Datasheet for ABIN6288850 **anti-KIF7 antibody**

Overview

Quantity:	50 µL
Target:	KIF7
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KIF7 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Purpose:	<p>Kif 7 is a protein encoded by the KIF7 gene which is approximately 150,5 kDa. Kif 7 is localised to the cilium tip. It is involved in signalling by hedgehog and GPCR. It functions as a negative regulator of the SHH pathway by preventing inappropriate activation of GLI2 in the absence of a ligand, and as a positive regulator by preventing the processing of GLI3 into its repressor form. Kif 7 is expressed in embryonic stem cells and Jurkat T-cells. Mutations in the KIF7 gene may result in Bardet-Biedl syndrome. STJ96965 was developed from clone 3F8 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. This antibody detects endogenous Kif 7 proteins.</p>
Immunogen:	Synthetic Peptide
Clone:	3F8
Isotype:	IgG1
Specificity:	The antibody detects endogenous Kif 7 proteins.

Product Details

Characteristics:	Mouse monoclonal to Kif 7.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.

Target Details

Target:	KIF7
Alternative Name:	Kif 7 (KIF7 Products)
Gene ID:	374654
UniProt:	Q2M1P5
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	IHC 1:200
Comment:	Embryonic stem cells, melanotic melanoma and Jurkat T-cells. Expressed in heart, lung, liver, kidney, testis, retina, placenta, pancreas, colon, small intestine, prostate and thymus.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.