MYO5B Monoclonal Antibody

Catalog No	YP-mAb-05780
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	MYO5B KIAA1119
Protein Name	Unconventional myosin-Vb
Immunogen	Synthesized peptide derived from human protein . at AA range: 1120-1200
Specificity	MYO5B Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	203kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Colon,
Function	disease:Defects in MYO5B are a cause of microvillus inclusion disease (MVID) [MIM:251850]. MVID is characterized by onset of intractable life-threatening watery diarrhea during infancy. Two forms are recognized: early-onset MVID with diarrhea beginning in the neonatal period, and late-onset, with first symptoms appearing after 3 or 4 months of life.,similarity:Contains 1 dilute domain.,similarity:Contains 1 myosin head-like domain.,similarity:Contains 6 IQ domains.,subunit:Interacts with RAB11FIP2.,
Background	The protein encoded by this gene, together with other proteins, may be involved in plasma membrane recycling. Mutations in this gene are associated with microvillous inclusion disease. [provided by RefSeq, Sep 2009],
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.

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