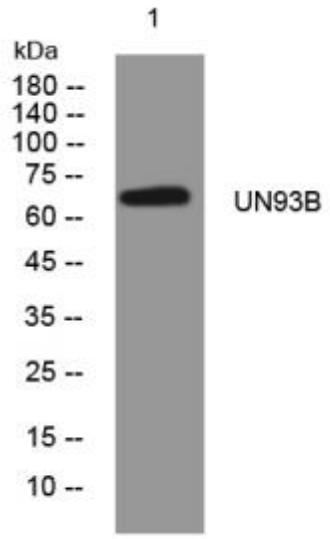
UN93B mouse mAb

Catalog No	YP-mAb-08835
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	UNC93B1 UNC93 UNC93B
Protein Name	UN93B
Immunogen	Synthesized peptide derived from human UN93B AA range: 347-397
Specificity	This antibody detects endogenous levels of UN93B at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Calculated Molecular Weight	66kD
Synonyms	
Observed Band	
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Endosome . Lysosome . Cytoplasmic vesicle, phagosome . Relocalizes from endoplasmic reticulum to endosome and lysosome upon cell-stimulation with CpG dinucleotides (By similarity). Colocalizes with LAMP5 in large endosomal intracellular vesicles. .
Tissue Specificity	Expressed in plasmocytoid dendritic cells (at protein level). Highly expressed in antigen-presenting cells. Expressed in heart, and at lower level in kidney. Expressed at low level in other tissues.

Function	disease:Defects in UNC93B1 are associated with susceptibility to herpes simplex encephalitis (HSE) [MIM:610551]. HSE is a rare complication of human herpesvirus 1 (HHV-1) infection, occurring in only a small minority of HHV-1 infected individuals. HSE is characterized by hemorrhagic necrosis of parts of the temporal and frontal lobes. Onset is over several days and involves fever, headache, seizures, stupor, and often coma, frequently with a fatal outcome. UNC93B-deficient HSE does not compromise immunity to most pathogens, unlike most known primary immunodeficiencies.,online information:UNC93B1 mutation db,similarity:Belongs to the unc-93 family.,tissue specificity:Expressed in heart, heart, and at lower level in kidney. Expressed at low level in other tissues.,

Background	This gene encodes a protein that is involved in innate and adaptive immune response by regulating toll-like receptor signaling. The encoded protein traffics nucleotide sensing toll-like receptors to the endolysosome from the endoplasmic reticulum. Deficiency of the encoded protein has been associated with herpes simplex encephalitis. [provided by RefSeq, Feb 2014],
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



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°over night