UNC5D Monoclonal Antibody

Catalog No	BYmab-05820
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	UNC5D KIAA1777 UNC5H4 UNQ6012/PRO34692
Protein Name	Netrin receptor UNC5D (Protein unc-5 homolog 4) (Protein unc-5 homolog D)
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	UNC5D 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	104kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Epithelium,
Function	function:Receptor for netrin. May be involved in axon guidance by mediating axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand.,PTM:Phosphorylated on cytoplasmic tyrosine residues.,PTM:Proteolytically cleaved by caspases during apoptosis. The cleavage does not take place when the receptor is associated with netrin ligand. Its cleavage by caspases is required to induce apoptosis.,similarity:Belongs to the unc-5 family.,similarity:Contains 1 death domain.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 ZU5 domain.,similarity:C

Background	function:Receptor for netrin. May be involved in axon guidance by mediating axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand.,PTM:Phosphorylated on cytoplasmic tyrosine residues.,PTM:Proteolytically cleaved by caspases during apoptosis. The cleavage does not take place when the receptor is associated with netrin ligand. Its cleavage by caspases is required to induce apoptosis.,similarity:Belongs to the unc-5 family.,similarity:Contains 1 death domain.,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 ZU5 domain.,similarity:Contains 2 TSP type-1 domains.,subunit:Interacts with the cytoplasmic part of DCC.,
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