

For Research Use Only

DCC-Specific Monoclonal antibody, PBS Only



Catalog Number: 67203-1-PBS

Basic Information

Catalog Number: 67203-1-PBS	GenBank Accession Number: NM_005215	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1630	CloneNo.: 2G4G4
Source: Mouse	UNIPROT ID: P43146	
Isotype: IgG2a	Full Name: deleted in colorectal carcinoma	
Immunogen Catalog Number: AG20569	Calculated MW: 1447 aa, 158 kDa	
	Observed MW: 180 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Mouse

Background Information

DCC, also named as IGDC1, belongs to the immunoglobulin superfamily and DCC family. DCC is a receptor for netrin required for axon guidance. DCC plays a key role in the developing nervous system. Its association with UNC5 proteins may trigger signaling for axon repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. DCC gene is a tumor suppressor gene. This antibody recognizes endogenous DCC with an apparent molecular weight of 180 kDa. As the predicted molecular mass of DCC is 158 kDa, the slower mobility is likely attributable to post-translational modification, perhaps by glycosylation at potential N-linked glycosylation sites (PMID: 7926722; 8044801).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

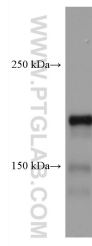
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 67203-1-Ig (DCC-Specific antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67203-1-PBS in a different storage buffer formulation.