DCC-Specific Monoclonal antibody, PBS Only

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Catalog Number:**67203-1-PBS**

Basic Information

Catalog Number:
67203-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG20569

GenBank Accession Number:
NM_005215

GeneID (NCBI):
1630

UNIPROT ID:
P43146

Full Name:
deleted in colorectal carcinoma

Calculated MW:
1447 aa, 158 kDa

Observed MW:
180 kDa

Purification Method:
Protein A purification

CloneNo.:
2G4G4

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, Mouse

Background Information

DCC, also named as IGDCC1, 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).
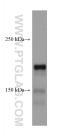
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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.