

For Research Use Only

CLEC2L Recombinant monoclonal antibody, PBS Only

Catalog Number: 87144-1-PBS



Basic Information

Catalog Number: 87144-1-PBS	GenBank Accession Number: NM_001080511.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 154790	CloneNo.: 252317D2
Source: Rabbit	UNIPROT ID: POC7M8	
Isotype: IgG	Full Name: C-type lectin domain family 2, member L	
Immunogen Catalog Number: AG35450	Calculated MW: 24 kDa	
	Observed MW: 24 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

C-type lectin domain family 2 member L (CLEC2L) is a membrane protein mainly expressed in brain tissue and probably has carbohydrate-binding activity. The CLEC2L-encoded C-type lectin-like receptors (CTLRs) are expressed as non-glycosylated, disulfide-linked homodimers at the cell surface, and designated as BA CL (brain-associated C-type lectin) (PMID: 23776472). The CLEC2L protein has 214 amino acids with a predicted molecular mass of 23.9 kDa. Under non-reducing conditions, FLAG-tagged CLEC2L proteins appeared with a molecular mass of ~55 kDa in immunoblots because of the occurrence of disulfide-linked homodimers (PMID: 23776472).

Storage

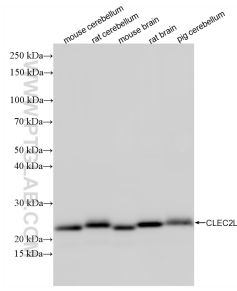
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

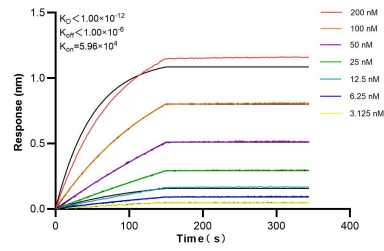
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87144-1-RR (CLEC2L antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87144-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87144-1-RR against Human CLEC2L were performed. The affinity constant is below 1 pM.