

For Research Use Only

ECEL1 Recombinant monoclonal antibody, PBS Only

Catalog Number:87583-1-PBS



Basic Information

Catalog Number: 87583-1-PBS	GenBank Accession Number: BC050453	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9427	CloneNo.: 252851C9
Source: Rabbit	UNIPROT ID: O95672	
IsoType: IgG	Full Name: endothelin converting enzyme-like 1	
Immunogen Catalog Number: AG5460	Calculated MW: 88 kDa	
	Observed MW: 95 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

The M13 family has seven members, including ECEL1 (endothelin-converting enzyme-like 1), one of the newest members. ECEL1 is expressed predominantly in the central nervous system. It has been proposed that the enzyme has a role in the nervous regulation of the respiratory system(PMID:14992683).It may contribute to the degradation of peptide hormones and be involved in the inactivation of neuronal peptides.It has 2 isoforms produced by alternative splicing and 3 glycosylation sites.It can be detected a band of 95kDa in CHO cells by western blot because of the heavily glycosylated(PMID:10961933).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

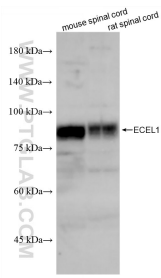
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87583-1-RR (ECEL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87583-1-PBS in a different storage buffer formulation.