

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
Source: Rabbit	GeneID (NCBI): 9427	CloneNo.: 252851C9
Isotype: IgG	UNIPROT ID: O95672	
Immunogen Catalog Number: AG5460	Full Name: endothelin converting enzyme-like 1	
	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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

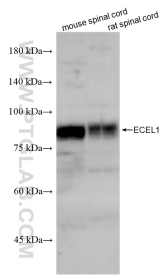
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.