

For Research Use Only

EMCN Polyclonal antibody

Catalog Number: 11828-1-AP

1 Publications



Basic Information

Catalog Number:

11828-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2396

GenBank Accession Number:

BC017781

GeneID (NCBI):

51705

UNIPROT ID:

Q9ULC0

Full Name:

endomucin

Calculated MW:

19 kDa, 27 kDa

Observed MW:

85 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

rat

Positive Controls:

WB : mouse heart tissue, mouse kidney tissue, mouse lung tissue

Background Information

Endomucin (EMCN), also known as Endomucin 2 or Mucin 14, is a type I integral membrane glycoprotein that is endothelial-specific. EMCN is expressed on the surface of capillaries and venous and is highly expressed in highly vascularized tissues such as heart, kidney and lung (PMID: 29215001). Endomucin plays an important role in cell interaction, molecular cell signaling, angiogenesis and cell migration (PMID: 33532708). Since it is glycosylated, the apparent molecular weight of EMCN could be variable, ranging from 80 kDa to 120 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Kenichi Sawauchi	39472824	BMC Musculoskelet Disord	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

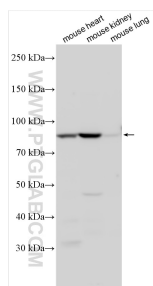
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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 11828-1-AP (EMCN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.