

For Research Use Only

# EMCN Polyclonal antibody

Catalog Number: 11828-1-AP



## Basic Information

<b>Catalog Number:</b> 11828-1-AP	<b>GenBank Accession Number:</b> BC017781	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51705	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> endomucin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 19 kDa, 27 kDa	
<b>Immunogen Catalog Number:</b> AG2396	<b>Observed MW:</b> 85 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse heart tissue, mouse kidney tissue, mouse lung tissue
<b>Species Specificity:</b> human, mouse	

## 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.

## 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

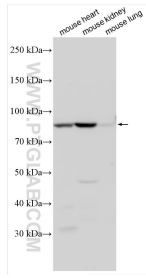
For technical support and original validation data for this product please contact:

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## 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.