For Research Use Only

Claudin 25 Recombinant monoclonal antibody

Catalog Number:87798-1-RR

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Basic Information

Catalog Number:
87798-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
M_001101389

GeneID (NCBI):
644672

UNIPROT ID:
C9JDP6

Full Name:
claudin-like

Calculated MW:
229aa, 25 kDa

Observed MW:
32 kDa

Purification Method:
Protein A purification

CloneNo.:
253383C11

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse

Positive Controls:

WB : mouse cerebellum tissue, mouse brain tissue, mouse testis tissue

Background Information

Claudin-25, also known as Claudin containing domain 1, is a tight junction protein. It plays a role in epithelial cell barrier function and ion transport regulation. Predominantly expressed in the blood-brain barrier (BBB) and myelin sheaths, it regulates paracellular permeability. It plays vital roles in maintaining neural homeostasis, and its dysregulation is linked to demyelinating diseases and certain cancers.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
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
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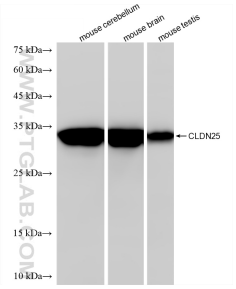
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87798-1-RR (CLDN25 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.