

For Research Use Only

MCEMP1 Polyclonal antibody

Catalog Number: 25700-1-AP

1 Publications



Basic Information

Catalog Number: 25700-1-AP	GenBank Accession Number: BC104798	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop;	GeneID (NCBI): 199675	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8IX19	
Isotype: IgG	Full Name: chromosome 19 open reading frame 59	
Immunogen Catalog Number: AG22616	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB	WB : THP-1 cells, mouse liver tissue
Species Specificity: human, mouse	IHC : human lung tissue, mouse lung tissue
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The MCEMP1 gene contains seven exons and was mapped to human chromosome 19p13.3. The epitope-tagged MCEMP1 has been expressed in mammalian cells and found to be localized to the cellular membrane with its C-terminus extending to the outside of the membrane and N-terminus into the cytoplasmic compartment. An evidently increased expression of mast cell expression membrane protein 1 (MCEMP1) has been observed in stroke patients and its expression independently improved the discrimination of 1-month outcome, suggesting the functionality of peripheral blood expression of MCEMP1 as a biomarker for stroke prognosis . (PMID: 30883005, PMID: 31104315, PMID: 15953541)

Notable Publications

Author	Pubmed ID	Journal	Application
Wei Ye	39346078	PeerJ	WB

Storage

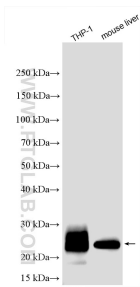
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

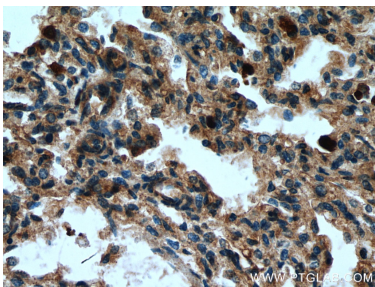
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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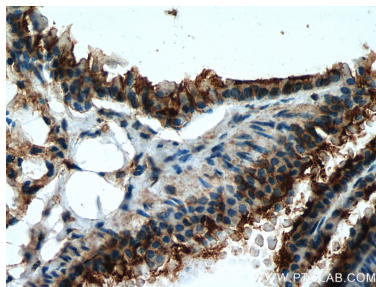
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25700-1-AP (C19orf59 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 25700-1-AP (C19orf59 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25700-1-AP (C19orf59 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).