

For Research Use Only

ESAM Recombinant monoclonal antibody

Catalog Number: 87684-1-RR



Basic Information

Catalog Number: 87684-1-RR	GenBank Accession Number: NM_027102.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 69524	CloneNo.: 253062C8
Isotype: IgG	UNIPROT ID: Q925F2	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: EG6352	Full Name: endothelial cell-specific adhesion molecule	
	Calculated MW: 42 kDa	
	Observed MW: 42-60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : bEnd.3 cells, mouse lung tissue
Species Specificity: mouse	

Background Information

ESAM, a 55 kDa type I transmembrane glycoprotein, possesses two extracellular Ig domains and a long cytoplasmic tail in which a PDZ domain is located (PMID: 22130718). The ~60 kDa band is glycosylated ESAM, and the lower band is deglycosylated ESAM.

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

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

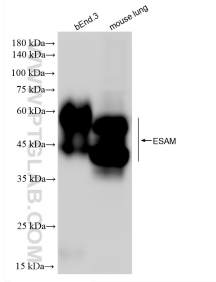
T: 4006900926

E: Proteintech-CN@ptglab.com

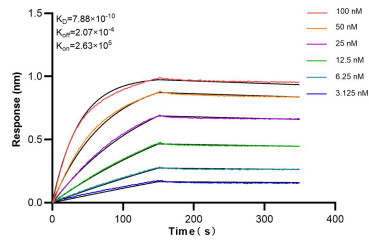
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87684-1-RR (ESAM antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87684-1-RR against Mouse ESAM were performed. The affinity constant is 0.788 nM.