

For Research Use Only

ST5 Recombinant monoclonal antibody

Catalog Number: 87628-1-RR



Basic Information

Catalog Number: 87628-1-RR	GenBank Accession Number: BC036655	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6764	CloneNo.: 252924C7
Source: Rabbit	UNIPROT ID: P78524	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: suppression of tumorigenicity 5	
Immunogen Catalog Number: AG34032	Calculated MW: 1137 aa, 126 kDa	
	Observed MW: 120-150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : SH-SY5Y cells, HeLa cells
Species Specificity: human	

Background Information

ST5, also known as DEN2B (DENN domain-containing protein 2B), has three isoforms with molecular weights of 126 kDa, 82 kDa, and 70 kDa, respectively. The mainstream molecular weight is 126kd. ST5 is widely expressed except in peripheral blood lymphocytes. Isoform 1 is expressed in several epithelial cells and fibroblasts (including tumorigenic cells), but not in lymphoid cell lines (at the protein level).

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

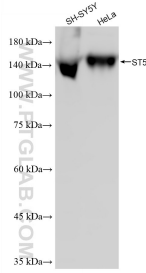
For technical support and original validation data for this product please contact:

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

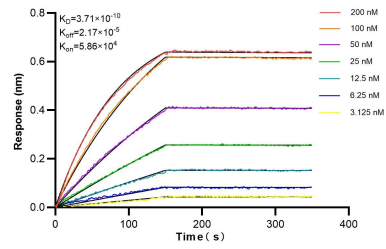
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87628-1-RR (ST5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87628-1-RR against Human ST5 were performed. The affinity constant is 0.371 nM.