

For Research Use Only

# ST5 Recombinant monoclonal antibody

Catalog Number: 87628-1-RR



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>87628-1-RR        | <b>GenBank Accession Number:</b><br>BC036655         | <b>Purification Method:</b><br>Protein A purification |
| <b>Source:</b><br>Rabbit                    | <b>GeneID (NCBI):</b><br>6764                        | <b>CloneNo.:</b><br>252924C7                          |
| <b>Isotype:</b><br>IgG                      | <b>UNIPROT ID:</b><br>P78524                         | <b>Recommended Dilutions:</b><br>WB: 1:500-1:2000     |
| <b>Immunogen Catalog Number:</b><br>AG34032 | <b>Full Name:</b><br>suppression of tumorigenicity 5 |   |
|   | <b>Calculated MW:</b><br>1137 aa, 126 kDa            |   |
|   | <b>Observed MW:</b><br>120-150 kDa                   |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>WB, ELISA | <b>Positive Controls:</b><br>WB : SH-SY5Y cells, HeLa cells |
| <b>Species Specificity:</b><br>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

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

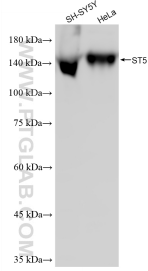
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

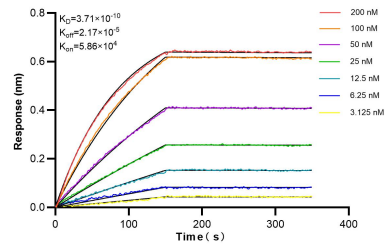
W: [ptgcn.com](http://ptgcn.com)

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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.