

## Anti-SEMA3B antibody (569-748) (STJ29084)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/ELISA           |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse        |

### PRODUCT PROPERTIES

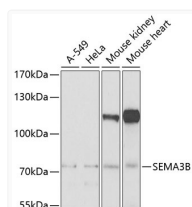
|                     |                                                                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                             |
| Concentration       | Lot specific                                                                                                                                           |
| Conjugation         | Unconjugated                                                                                                                                           |
| Purification        | Affinity purification                                                                                                                                  |
| Dilution Range      | WB:1:500-1:2000<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                     |
| Isotype             | IgG                                                                                                                                                    |
| Molecular Weight    | Protein Mw: 83kDa<br>Observed Mw: 83kDa                                                                                                                |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                         |

### TARGET INFORMATION

|                    |                                                                                                                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">7869</a>                                                                                                                                                                              |
| Gene Symbol        | <a href="#">SEMA3B</a>                                                                                                                                                                            |
| UniProt ID         | <a href="#">SEM3B_HUMAN</a>                                                                                                                                                                       |
| Immunogen Region   | 569-748                                                                                                                                                                                           |
| Immunogen Sequence | SSRPALLEHKVFGVEGSSAF LECEPRSLQARVEWTFQRAG VTAHTQVLAEEERTERTARGL<br>LLRRLRRRDSGVYLCAAVEQ GFTQPLRRLSLHVLSATQAE RLARAEAAAPAPPGPKLWY<br>RDFLQLVEPGGGGSANSLRM CRPQPALQSLPLESRRKGRN RRTHAPEPRAERGPRATHW |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 569-748 of human SEMA3B (NP_001005914.1).                                                                           |

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using SEMA3B Antibody (STJ29084) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.