

Anti-CD271 antibody (32-254) [S5254RM] (STJ11105254)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

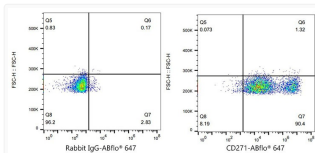
| | |
|---------------------|---|
| Clonality | Monoclonal |
| Concentration | Lot specific |
| Conjugation | Unconjugated |
| Purification | Affinity purification |
| Dilution Range | WB:1:1000-1:4000 FC:1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation | PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3. |
| Isotype | IgG |
| Molecular Weight | Protein Mw: 45KDa Observed Mw: 60-75kDa |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

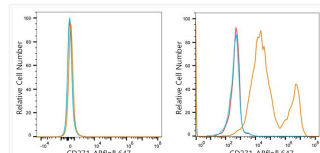
| | |
|--------------------|---|
| Gene ID | 18053 |
| Gene Symbol | Ngfr |
| UniProt ID | TNR16_MOUSE |
| Immunogen Region | 32-254 |
| Immunogen Sequence | KETCSTGMYTHSGECKACN LGEGVAQPCGANQTVCEPCL DSVTFSDVVSATEPCKPCTE CLGLQMSAPCVEADDAVCR CSYGYQDEETGRCEACSVG GVGSGLVFSCQDKQNTVCEE CPEGTYSDEANHVDPCLPCT VCEDTERQLRECTPWADAEC EEIPGRWITRSTPPEGSDVT TPSTQEPEAPPERDLIASTV ADTVTVMGSSQPVVTRGTA DNL |
| Specificity | Recombinant fusion protein containing a sequence corresponding to amino acids 32-254 of mouse CD271 (NP_150086.2). |

ADDITIONAL INFORMATION

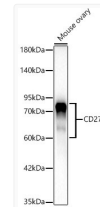
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Flow cytometry: 1X10⁶ 293F (Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (2 Mu g/mL, left) or CD271/NGFR Rabbit monoclonal antibody (STJ11105254, 2 Mu g/mL, right).



Flow cytometry: 1X10⁶ 293F cells (negative control, Left) and 293F (Transfection) cells (Right) were surface-stained with CD271/NGFR Rabbit monoclonal antibody (STJ11105254, 2 Mu g/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (2 Mu g/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit polyclonal antibody (1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



Western blot analysis of Mouse ovary, using CD271 Rabbit monoclonal antibody (STJ11105254) 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: 30s.