

## Anti-IL22 antibody (34-179 aa) [SRM5159] (STJ11107003)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

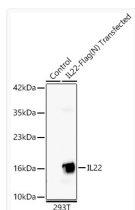
|                     |                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                                                 |
| Concentration       | Lot specific                                                                                                                                                               |
| Conjugation         | Unconjugated                                                                                                                                                               |
| Purification        | Affinity purification                                                                                                                                                      |
| Dilution Range      | WB:1:1000-1:2000<br>IF/CC:1:200-1:800<br>ELISA:Recommended starting concentration is 1 µg/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: 20kDa<br>Observed Mw: 16kDa                                                                                                                                    |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                             |

### TARGET INFORMATION

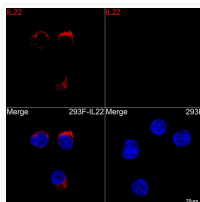
|                    |                                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">50616</a>                                                                                                                                         |
| Gene Symbol        | <a href="#">IL22</a>                                                                                                                                          |
| UniProt ID         | <a href="#">IL22_HUMAN</a>                                                                                                                                    |
| Immunogen Region   | 34-179 aa                                                                                                                                                     |
| Immunogen Sequence | APISSHCRLDKSNFQQPYIT NRTFMLAKEASLADNNTDVR LIGKLFHGVSMSERCYLMK<br>QVLNFTLEEVLPQSDRFQF YMQEVVPFLARLSNRLSTCH IEGDDLHIQRNVQKLKDTVK<br>KLGESGEIKAIGELDLLFMS LRNACI |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 34-179 of human IL22 (NP_065386.1).                                             |

### 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 normal 293T cells and 293T transfected with IL22 using IL22 Rabbit mAb (STJ11107003) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45s.



Confocal imaging of 293F-IL22 and 293F cells using IL22 Rabbit mAb (STJ11107003, dilution 1:200) (Red). DAPI was used for nuclear staining (blue). Objective: 100x.