

## Anti-IL1RN antibody (100-177) [S7MR] (STJ11101277)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

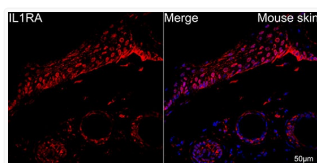
|                     |                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                                                       |
| Concentration       | Lot specific                                                                                                                                                                     |
| Conjugation         | Unconjugated                                                                                                                                                                     |
| Purification        | Affinity purification                                                                                                                                                            |
| Dilution Range      | WB:1:1000-1:6000<br>IF/ICC:1:100-1:800<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, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                                                                    |
| Isotype             | IgG                                                                                                                                                                              |
| Molecular Weight    | Protein Mw: 20kDa<br>Observed Mw: 22kDa                                                                                                                                          |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                   |

### TARGET INFORMATION

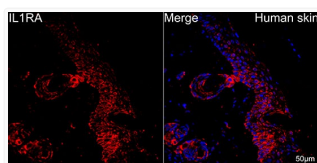
|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">3557</a>                                                                                               |
| Gene Symbol        | <a href="#">IL1RN</a>                                                                                              |
| UniProt ID         | <a href="#">IL1RA_HUMAN</a>                                                                                        |
| Immunogen Region   | 100-177                                                                                                            |
| Immunogen Sequence | ETRLQLEAVNITDLSENKQ DKRFQFIRSDSGPTTSFESA ACPGWFLCTAMEADQPVS LT<br>NMPDEGVMVTKFYFQEDE                               |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 100-177 of human IL1RA (NP_776214.1) |

### ADDITIONAL INFORMATION

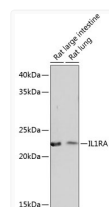
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



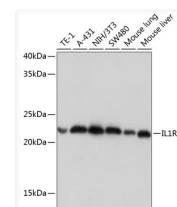
Confocal imaging of mouse tail ear using IL1RA Rabbit monoclonal antibody (STJ11101277, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.



Confocal imaging of human skin using IL1RA Rabbit monoclonal antibody (STJ11101277, dilution 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 60x.



Western blot analysis of various lysates using IL1RA Rabbit monoclonal antibody (STJ11101277) 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: 10s.



Western blot analysis of various lysates using IL1RA Rabbit monoclonal antibody (STJ11101277) 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: 1s.