

## Anti-Cytokeratin 2e antibody (293-422) [S7MR] (STJ11103497)

STJ11103497

### GENERAL INFORMATION

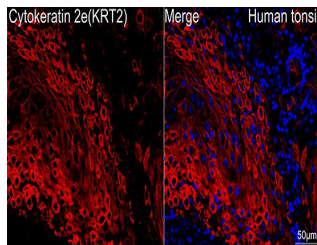
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit                |
| <b>Reactivity</b>        | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

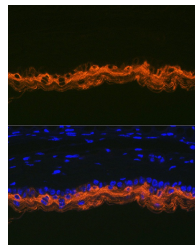
|                       |                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>      | Monoclonal                                                                                                                                                                                      |
| <b>Clone ID</b>       | S7MR                                                                                                                                                                                            |
| <b>Concentration</b>  | Lot specific                                                                                                                                                                                    |
| <b>Conjugation</b>    | Unconjugated                                                                                                                                                                                    |
| <b>Purification</b>   | Affinity purification                                                                                                                                                                           |
| <b>Dilution Range</b> | WB:1:500-1:1000<br>IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>    | PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.                                                                                                                                   |
| <b>Isotype</b>        | IgG                                                                                                                                                                                             |
| <b>Storage</b>        | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                                  |
| <b>Instruction</b>    |                                                                                                                                                                                                 |

### TARGET INFORMATION

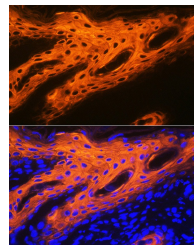
|                           |                                                                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 3849                                                                                                                                   |
| <b>Gene Symbol</b>        | KRT2                                                                                                                                   |
| <b>Uniprot ID</b>         | K22E_HUMAN                                                                                                                             |
| <b>Immunogen</b>          |                                                                                                                                        |
| <b>Immunogen Region</b>   | 293-422                                                                                                                                |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 293-422 of humanKRT2 (P35908).                           |
| <b>Immunogen Sequence</b> | YMIKVELQSKVDLLNQIEIF LKVLDAEISQIHQSVTDTN VILSMDNSRNLDLDSIIAEV KAQYEEIAQRSKEEAALYH SKYEELQVTVGRHGDSLKEI KIEISELNRVIQRLQGEIAH VKKQCKNVQD |



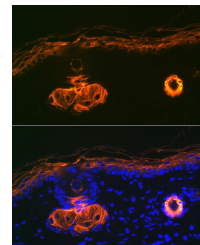
Confocal imaging of a paraffin-embedded human tonsil tissue section using Anti-Cytokeratin 2e (KRT2) Rabbit monoclonal antibody (STJ11103497, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunofluorescence analysis of paraffin-embedded mouse skin using Anti-Cytokeratin 2e (KRT2) Rabbit monoclonal antibody (STJ11103497) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded human skin using Anti-Cytokeratin 2e (KRT2) Rabbit monoclonal antibody (STJ11103497) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded rat skin using Anti-Cytokeratin 2e (KRT2) Rabbit monoclonal antibody (STJ11103497) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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