

## Anti-AQP5 antibody (165-265 aa) [S5087RM] (STJ11105087)

STJ11105087

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

|                            |   |
|----------------------------|---|
| <b>Clonality</b>           | Monoclonal  |
| <b>Clone ID</b>            | S5087RM   |
| <b>Concentration</b>       | Lot specific  |
| <b>Conjugation</b>         | Unconjugated  |
| <b>Purification</b>        | Affinity purification   |
| <b>Dilution Range</b>      | WB:1:1000-1:5000  |
|                            | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.   |
| <b>Isotype</b>             | IgG   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                      |

### TARGET INFORMATION

|                           |  |
|---------------------------|--|
| <b>Gene ID</b>            | 362  |
| <b>Gene Symbol</b>        | AQP5   |
| <b>Uniprot ID</b>         | AQP5_HUMAN   |
| <b>Immunogen</b>          |  |
| <b>Immunogen Region</b>   | 165-265 aa   |
| <b>Specificity</b>        | A synthetic peptide corresponding to a sequence within amino acids 165-265 of human AQP5. (NP_001642.1). |
| <b>Immunogen Sequence</b> | IGLSVTLGHLVGIFTGCSM NPARSFGPAVVMNRFSPAHW VFVWGPVIGAVLAAILFYFL LFPNSLSLSERVAIIKGTYE PDEDWEEQREERKKTMELTTR |



Western blot analysis of various lysates, using AQP5 Rabbit monoclonal antibody (STJ11105087) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000955) 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: 180s.

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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