

## Anti-IL13 antibody (25-146 aa) [S5099RM] (STJ11105099)

STJ11105099

### GENERAL INFORMATION

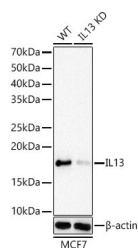
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
|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

### PRODUCT PROPERTIES

|                            |                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                                                                                                             |
| <b>Clone ID</b>            | S5099RM                                                                                                                                                |
| <b>Concentration</b>       | Lot specific                                                                                                                                           |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                           |
| <b>Purification</b>        | Affinity purification                                                                                                                                  |
| <b>Dilution Range</b>      | WB:1:500-1:1000<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 0.05% 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>            | 3596                                                                                                                                                                                                  |
| <b>Gene Symbol</b>        | IL13                                                                                                                                                                                                  |
| <b>Uniprot ID</b>         | IL13_HUMAN                                                                                                                                                                                            |
| <b>Immunogen</b>          |                                                                                                                                                                                                       |
| <b>Immunogen Region</b>   | 25-146 aa                                                                                                                                                                                             |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 25-146 of human IL13. (NP_002179.2).<br>LTCGGFASPGVPPSTALR ELIEELVNITQNKAPLCNG SMVWSINLTAGMYCAALES INVSGCSAIEKTQRMLSGFC |
| <b>Immunogen Sequence</b> | PHKVSAGQFSSSLHVRDTEKIE VAQFVKDLLHLKLFREGQ FN                                                                                                                                                          |



Western blot analysis of extracts from wild type (WT) and IL13 knockdown (KD) MCF7 cells, using IL13 Rabbit monoclonal antibody (STJ11105099) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 3s.

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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