

## Anti-ESR1 antibody (50-150) [S5MR] (STJ114945)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

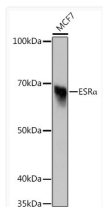
|                     |   |
|---------------------|---|
| Clonality           | Monoclonal  |
| Concentration       | Lot specific  |
| Conjugation         | Unconjugated  |
| Purification        | Affinity purification   |
| Dilution Range      | WB:1:1000-1:2000<br>ELISA:Recommended starting concentration 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: 66kDa<br>Observed Mw: 66kDa   |
| 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="#">2099</a>  |
| Gene Symbol        | <a href="#">ESR1</a>  |
| UniProt ID         | <a href="#">ESR1_HUMAN</a>  |
| Immunogen Region   | 50-150  |
| Immunogen Sequence | AVYNYPEGAAYEFNAAAAAN AQVYGQTGLPYGPGSEAAAF GSNGLGGFPPLNSVSPSPLM<br>LLHPPQLSPFLQPHGQQVP YYLENPSGYTVREAGPPAF Y                       |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Estrogen Receptor alpha (ESR Alpha ) (P03372). |

### 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 lysates from MCF7 cells, using ESR Alpha Rabbit monoclonal antibody (STJ114945) 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 Enhanced Kit. Exposure time: 60s.