

## Anti-CLOCK antibody (100-200) [S7MR] (STJ11102337)

### GENERAL INFORMATION

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

### PRODUCT PROPERTIES

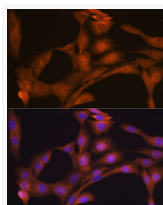
|                     |                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Monoclonal                                                                                                                                                 |
| Concentration       | Lot specific                                                                                                                                               |
| Conjugation         | Unconjugated                                                                                                                                               |
| Purification        | Affinity purification                                                                                                                                      |
| Dilution Range      | WB:1:1000-1:6000<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: 95kDa<br>Observed Mw: 95kDa                                                                                                                    |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                             |

### TARGET INFORMATION

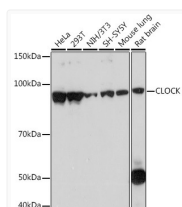
|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">9575</a>                                                                                         |
| Gene Symbol        | <a href="#">CLOCK</a>                                                                                        |
| UniProt ID         | <a href="#">CLOCK_HUMAN</a>                                                                                  |
| Immunogen Region   | 100-200                                                                                                      |
| Immunogen Sequence | WKPTFLSNEEFTQLMLEALD GFFLAIMTDGSIYVSESVT SLLEHLPSDLVDQSIFNFIP<br>EGEHSEVYKILSTHLLSDDS LTPEYLKSKNQLEFCCHMLR G |
| Specificity        | A synthetic peptide corresponding to a sequence within amino acids 100-200 of human CLOCK (NP_004889.1).     |

### ADDITIONAL INFORMATION

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



Immunofluorescence analysis of NIH-3T3 cells using CLOCK Rabbit monoclonal antibody (STJ11102337) 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.



Western blot analysis of various lysates using CLOCK Rabbit monoclonal antibody (STJ11102337) 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: 3s.