

## Anti-Phospho-MAPK14-T180/Y182 antibody [S5903RM] (STJ11105903)

STJ11105903

### GENERAL INFORMATION

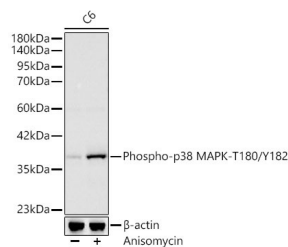
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
|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

### PRODUCT PROPERTIES

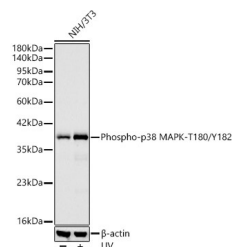
|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Monoclonal                                                                                                                                            |
| <b>Clone ID</b>            | S5903RM                                                                                                                                               |
| <b>Concentration</b>       | Lot specific                                                                                                                                          |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                          |
| <b>Purification</b>        | Affinity purification                                                                                                                                 |
| <b>Dilution Range</b>      | WB:1:1000-1:5000<br>ELISA:Recommended starting concentration is 1 µg/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

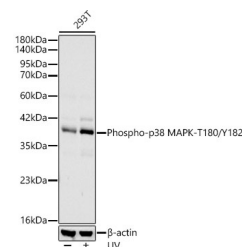
|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 1432<br>5600<br>6300<br>MAPK14<br>MAPK11<br>MK14_HUMAN<br>MK11_HUMAN<br>MK12_HUMAN |
| <b>Immunogen</b>          | MTGYVA                                                                             |
| <b>Immunogen Region</b>   |                                                                                    |
| <b>Specificity</b>        | A synthetic phosphorylated peptide around T180/Y182 of human MAPK (NP_620581.1).   |
| <b>Immunogen Sequence</b> | MTGYVA                                                                             |



Western blot analysis of C6, using Phospho-p38 MAPK-T180/Y182 Rabbit monoclonal antibody (STJ11105903) at 1:1000 dilution. C6 cells were treated by Anisomycin (25 µg/ml) at 37 °C for 20 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of NIH/3T3, using Phospho-p38 MAPK-T180/Y182 Rabbit monoclonal antibody (STJ11105903) at 1:1000 dilution. NIH/3T3 cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of 293T, using Phospho-p38 MAPK-T180/Y182 Rabbit monoclonal antibody (STJ11105903) at 1:1000 dilution. 293T cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081