

**Anti-MAPK1 antibody (C-Term) [M233] (STJA0005410)**

STJA0005410

**GENERAL INFORMATION**

|                          |   |
|--------------------------|---|
| <b>Product Type</b>      | Primary antibodies  |
| <b>Short Description</b> | Mouse monoclonal antibody anti-ERK1 (C-Term) is suitable for use in Western Blot, Immunocytochemistry and Immunohistochemistry research applications. |
| <b>Applications</b>      | WB/ICC/IHC  |
| <b>Host/Source</b>       | Mouse   |
| <b>Reactivity</b>        | Human/Mouse/Rat   |

**PRODUCT PROPERTIES**

|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            | M233   |
| <b>Concentration</b>       |  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | Antigen Affinity Purified  |
| <b>Dilution</b>            | WB 1:1000  |
| <b>Range</b>               | ICC 1:100<br>IP 1:100  |
| <b>Formulation</b>         | PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol                                     |
| <b>Isotype</b>             | IgG1   |
| <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>            | 5594   |
| <b>Gene Symbol</b>        | MAPK1  |
| <b>Uniprot ID</b>         | MK01_HUMAN   |
| <b>Immunogen</b>          | Clone (M233) was generated from a recombinant human ERK1 protein that included amino acids residues in the C-terminal region. This sequence is conserved in rat and mouse ERK1, and has low homology to ERK2, as well as other ERK family members. |
| <b>Immunogen Region</b>   | C-Term   |
| <b>Specificity</b>        | The antibody detects a 44 kDa* protein corresponding to ERK1 on SDS-PAGE immunoblots of human A431 epithelial cells. It does not detect ERK2.  |
| <b>Immunogen Sequence</b> |  |