

# Anti-ROCK1 antibody (400-660) (STJ29833)

## GENERAL INFORMATION

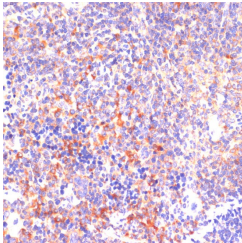
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
|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

## PRODUCT PROPERTIES

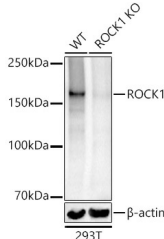
|                            |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                          |
| <b>Clone ID</b>            |                                                                                                                                     |
| <b>Concentration</b>       | Lot specific                                                                                                                        |
| <b>Conjugation</b>         | Unconjugated                                                                                                                        |
| <b>Purification</b>        | Affinity purification                                                                                                               |
| <b>Dilution</b>            | WB:1:500-1:1000                                                                                                                     |
| <b>Range</b>               | IHC-P:1:50-1:100                                                                                                                    |
|                            | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 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

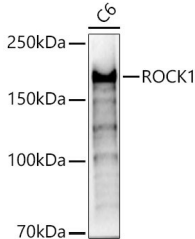
|                           |                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 6093                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>        | ROCK1                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>         | ROCK1_HUMAN                                                                                                                                                                                                                                                   |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                               |
| <b>Immunogen Region</b>   | 400-660                                                                                                                                                                                                                                                       |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 400-660 of human ROCK1 (NP_005397.1).                                                                                                                                           |
| <b>Immunogen Sequence</b> | YSNRRYLSSANPNDNRTSSN ADKSLQESLQKTYKLEEQ LHNEMQLKDEMEQKCRSTSNK LDKIMKELDEEGNQRRLNES<br>TVSQIEKEKMLLQHRINEYQ RKAQEENKRRNVENEVSTL KDQLEDLKKVQNSQLANEK LSQKQKLEEEANDLLRTESD<br>TAVRLRKSHSTEMSKSISQLE SLNRELQERNRILENSKSQT DKDYYQLQAILEARRDRGH DSEMIGDLQARITSLQEEV |



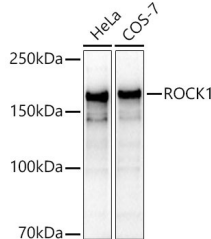
Immunohistochemistry analysis of paraffin-embedded mouse spleen using ROCK1 antibody (STJ29833) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts from wild type (WT) and ROCK1 knockout (KO) 293T cells, using ROCK1 antibody (STJ29833) 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: 10s.



Western blot analysis of C6, using ROCK1 antibody (STJ29833) 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: 30s.



Western blot analysis of various lysates, using ROCK1 antibody (STJ29833) 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: 10s.

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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