

For Research Use Only

# STK24 Monoclonal antibody

Catalog Number: 68522-1-Ig



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>68522-1-Ig                           | <b>GenBank Accession Number:</b><br>NM_003576                          | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>150ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>8428  | <b>CloneNo.:</b><br>2B4C1                             |
| <b>Source:</b><br>Mouse  | <b>Full Name:</b><br>serine/threonine kinase 24 (STE20 homolog, yeast) | <b>Recommended Dilutions:</b><br>WB 1:2000-1:10000    |
| <b>Isotype:</b><br>IgG1  | <b>Calculated MW:</b><br>49KD  |   |
| <b>Immunogen Catalog Number:</b><br>AG31526                    | <b>Observed MW:</b><br>50 kDa  |   |

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, mouse, rat

### Positive Controls:

**WB:** A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

## Background Information

Serine/threonine-protein kinase 24 (STK24), belonging to GCK subfamily of STE20-like kinases, acts on both serine and threonine residues and promotes apoptosis in response to stress stimuli and caspase activation (PubMed: 10644707, PMID:12107159). STK24 and STK25 operate in the same cardiovascular development pathway with programmed cell death 10 (CCM3) (PMID: 20332113). It regulates axon outgrowth in forebrain neurons (PubMed: 17114295).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

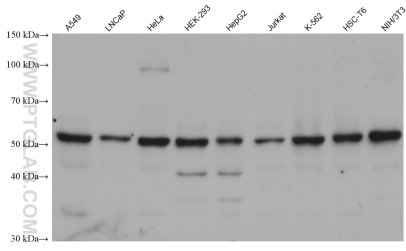
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68522-1-Ig (STK24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.