

## p90RSK(Phospho-Ser352) Antibody

Catalog No: #11113

Package Size: #11113-1 50ul #11113-2 100ul

## Description

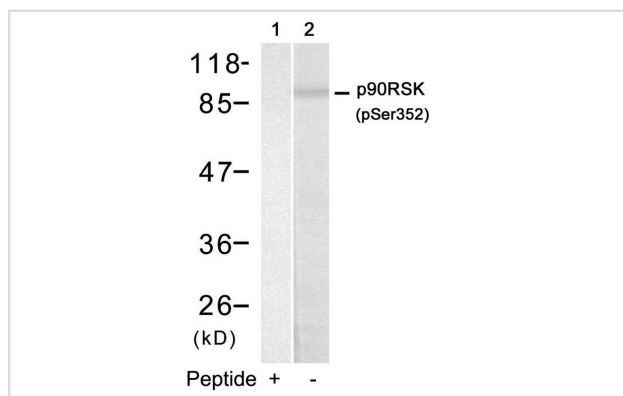
|                       |                                                                                                                                                                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | p90RSK(Phospho-Ser352) Antibody                                                                                                                                                                                                                                                         |
| Host Species          | Rabbit                                                                                                                                                                                                                                                                                  |
| Clonality             | Polyclonal                                                                                                                                                                                                                                                                              |
| Purification          | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates.<br>Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Applications          | WB                                                                                                                                                                                                                                                                                      |
| Species Reactivity    | Hu Ms Rt                                                                                                                                                                                                                                                                                |
| Specificity           | The antibody detects endogenous level of p90RSK only when phosphorylated at serine 352.                                                                                                                                                                                                 |
| Immunogen Type        | Peptide-KLH                                                                                                                                                                                                                                                                             |
| Immunogen Description | Peptide sequence around phosphorylation site of serine 352 (R-D-S(p)-P-G) derived from Human p90RSK.                                                                                                                                                                                    |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                            |
| Target Name           | p90RSK                                                                                                                                                                                                                                                                                  |
| Modification          | Phospho                                                                                                                                                                                                                                                                                 |
| Other Names           | KS6A1; MAPKAP-K1a; RPS6KA1; RSK-1; RSK1                                                                                                                                                                                                                                                 |
| Accession No.         | Swiss-Prot: Q15418NCBI Protein: NP_001006666.1                                                                                                                                                                                                                                          |
| Concentration         | 1.0mg/ml                                                                                                                                                                                                                                                                                |
| Formulation           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                            |
| Storage               | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.                                                                                                                                                                                               |

## Application Details

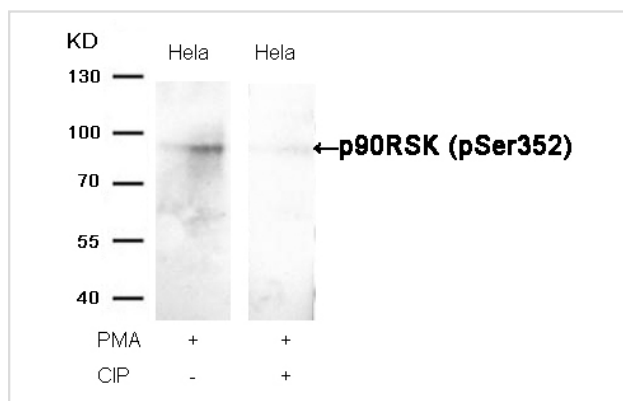
Predicted MW: 90kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HUVEC cells using p90RSK(Phospho-Ser352) Antibody #11113 (Lane 2) and the same antibody preincubated with blocking peptide (Lane 1).



Western blot analysis of extracts from HeLa cells, treated with PMA or calf intestinal phosphatase (CIP), using p90RSK (Phospho-Ser352) Antibody #11113.

## Background

Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.

Silverman E, et al. Mol Cell Biol. 2004 Dec; 24(24): 10573-10583.

Itoh S, et al. J Biol Chem 2005 Jun 24; 280(25): 24135-24142

Eisenmann KM, et al. Cancer Res 2003 Dec 01; 63(23): 8330-7

Note: This product is for in vitro research use only and is not intended for use in humans or animals.