

## Anti-p38 MAPK (Phospho-Thr179+Tyr181) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100102-01	50 µl
A100102-02	100 µl

<b>Specificity</b>	Anti- p38 MAPK (Phospho-Thr179+Tyr181) (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB ELISA
<b>Form</b>	Liquid, 1 mg/ml

### Product

**Swiss-Prot No.:** Q16539

**Other Names:** CRK1, CSAID binding protein, CSBP, CSBP1, CSBP2, Cytokine suppressive anti- inflammatory drug binding protein, EC 2.7.11.24, MAP kinase MXI2, MAP kinase p38, MAPK14, MAX-interacting protein 2, MK14, MXI2, Mitogen-activated protein kinase 14, Mitogen-activated protein kinase p38, kinase p38-alpha

### Specificity and Sensitivity

p38 MAPK (Phospho-Thr179+Tyr181) antibody detects endogenous levels of p38 MAPK only when phosphorylated at threonine 179 and tyrosine 181.

### Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human p38 MAPK around the phosphorylation site of threonine 179 and tyrosine 181 (E-M-T<sup>P</sup>-G-Y<sup>P</sup>-V-A).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000      ELISA: 1:5000

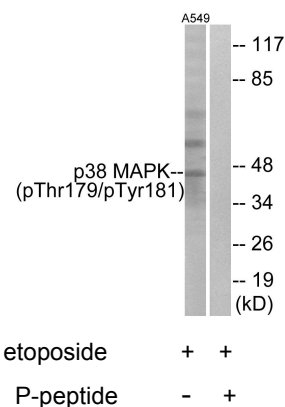
### Storage Buffer

Rabbit IgG 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 Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

### Images



Western blot analysis of extracts from A549 cells, treated with etoposide (25uM, 24hours), using p38 MAPK (Phospho-Thr179+Tyr181) antibody.