

**Product Name: p38 (5A1) Mouse Monoclonal Antibody**  
**Catalog #: AMM03857**



## Summary

<b>Production Name</b>	p38 (5A1) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat,Monkey

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	MAPK14 MAPK14; CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; Mitogen-activated protein kinase
<b>Alternative Names</b>	14; MAP kinase 14; MAPK 14; Cytokine suppressive anti-inflammatory drug-binding protein; CSAID-binding protein; CSBP; MAP kinase MXI2; MAX-interacting protein
<b>Gene ID</b>	1432
<b>SwissProt ID</b>	Q16539

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000
<b>Molecular Weight</b>	Calculated MW: 41 kDa; Observed MW: 41 kDa

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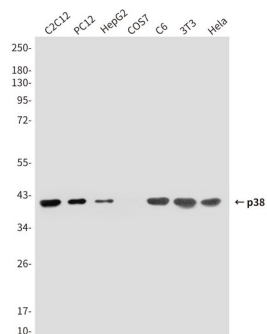
## Background

Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of p38 (5A1) in C2C12, PC-12, HepG2, COS7, C6, 3T3 and HeLa lysates using p38 MAPK antibody.

## Note

For research use only.