

## Recombinant p38 Monoclonal Antibody

catalog number: **E-AB-81480**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human;Rat;Hamster
<b>Immunogen</b>	A synthetic peptide of human p38
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-6C0
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

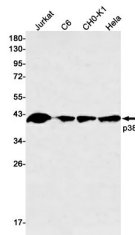
### Applications

**WB**

### Recommended Dilution

1:1000-1:2000

### Data



Western blot detection of p38 in Jurkat,C6,CHO-K1,Hela cell lysates using p38 Rabbit mAb(1:500 diluted).Predicted band size:41kDa.Observed band size:41kDa.

**Observed-MW:41 kDa**

**Calculated-MW:41 kDa**

### Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

### Background

MAPK14(mitogen-activated protein kinase 14) is also named as SAPK2A,p38MAPK,CSBP1,RK,p38,EXIP,Mxi2,CSBP2,PRKM14,PRKM15,CSPB1,p38ALPHA and belongs to the MAP kinase subfamily. MAPK14-signaling is a central pathway for the integration of instructive signals in dendritic cells for T(H)17 differentiation and inflammation. It plays an important role in the regulation of hematopoietic stem cell self-renewal in vitro and inhibition of MAPK14 activation with a small molecule inhibitor may represent a novel approach to promote ex vivo expansion of hematopoietic stem cell. This protein has 4 isoforms produced by alternative splicing.

### For Research Use Only