

# Recombinant p38 Monoclonal Antibody

Catalog Number:E-AB-81507



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

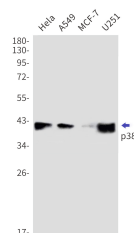
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide of human p38
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-7D3
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot detection of p38 in HeLa,A549,MCF-7,U251 cell lysates using p38 Rabbit mAb(1:1000 diluted).Predicted band size:41kDa.Observed band size:41kDa.

**Observed Mw:41kDa**  
**Calculated Mw:41kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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 cellself-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

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