

Mouse p38 Monoclonal Antibody | anti-p38 antibody

p38 (PTR2306) Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320471	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry

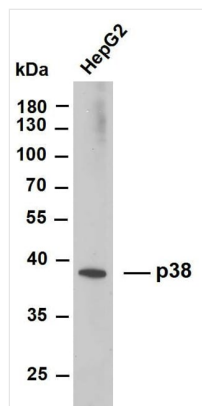
PRODUCT SYNONYMS

p38; Monoclonal Antibody; p38 (PTR2306) Mouse mAb; Mitogen-activated protein kinase 14 (MAP kinase 14)(MAPK 14)(EC 2.7.11.24)(Cytokine suppressive anti-inflammatory drug-binding protein)(CSAID-binding protein)(CSBP)(MAP kinase MXI2)(MAX-interacting protein 2)(Mitogen-activated protein kinase p38 alpha)(MAP kinase p38 alpha)(Stress-activated protein kinase 2a)(SAPK2a); anti-p38 antibody

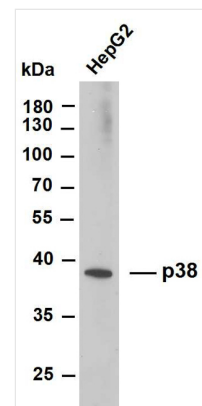
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	PTR2306
Specificity	This antibody detects endogenous levels of p38 protein.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-p38 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide derived from human p38
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

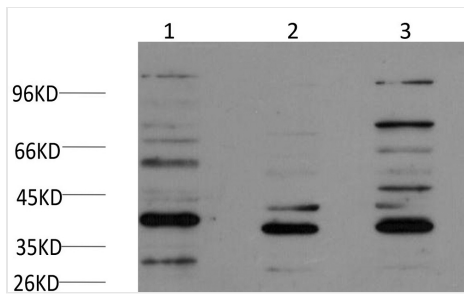
IMAGES



Application Data



Application Data



WB (Western Blot)

Western blot analysis of 1)Hela Cell. 2) Mouse Liver Tissue.3) Rat Kidney Tissue Lysate using P38Mouse Monoclonal mAb diluted at 1:2.000.

ADDITIONAL INFORMATION

Related Product Information for anti-p38 antibody	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding d
Product Categories/Family for anti-p38 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503069
NCBI GeneID	1432
NCBI Accession #	NP_001306.1
NCBI GenBank Nucleotide #	NM_001315.2
UniProt Accession #	Q16539 ; O60776 ; Q13083 ; Q14084 ; Q8TDX0 ; A6ZJ92 ; A8K6P4 ; B0LPH0
Molecular Weight	41,293 Da
NCBI Official Full Name	mitogen-activated protein kinase 14 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 14
NCBI Official Symbol	MAPK14
NCBI Official Synonym Symbols	RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA
NCBI Protein Information	mitogen-activated protein kinase 14; MAP kinase 14; p38alpha Exip; p38 MAP kinase; MAP kinase Mxi2; MAP kinase p38 alpha; CSAID-binding protein; Csaids binding protein; MAX-interacting protein 2; stress-activated protein kinase 2A; p38 mitogen activated p
UniProt Protein Name	Mitogen-activated protein kinase 14
UniProt Gene Name	MAPK14
UniProt Synonym Gene Names	CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; MAP kinase 14; MAPK 14; CSAID-binding protein; CSBP; MAP kinase p38 alpha; SAPK2a
UniProt Entry Name	MK14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

