



Product name:	p38 (phospho Thr180/Y182) rabbit Monoclonal Antibody
Cat number:	MAB-94216
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	MAPK14; CSBP; CSBP1; CSBP2; CSPB1; MXI2; SAPK2A; Mitogen-activated protein kinase 14; MAP kinase 14; MAPK 14; Cytokine suppressive anti-inflammatory drug-binding protein; CSAID-binding protein; CSBP; MAP kinase MXI2; MAX-interacting protein
Clone:	12F8
Concentration:	1 mg/ml
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human p38 MAPK around the phosphorylation site of Thr179 and Tyr181. AA range:151-200
Reactivity:	Human;Mouse;Rat;Guineapig
Applications:	IF/ICC 1:100-500 WB 1:500-2000 Flow Cyt 1:50-200 IHC-p 1:100-500 ELISA 1:5000-20000
Molecular Weight:	38kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Background:	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
Form:	liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5%BSAand0.02% sodium azide.

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Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com

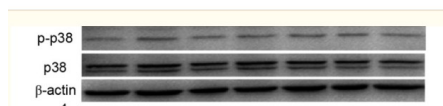


Storage: -20°C/1 year

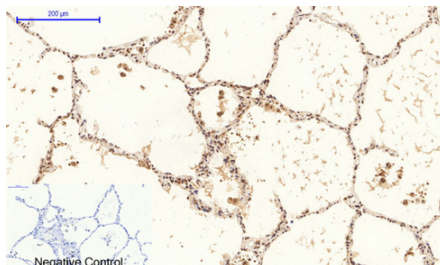
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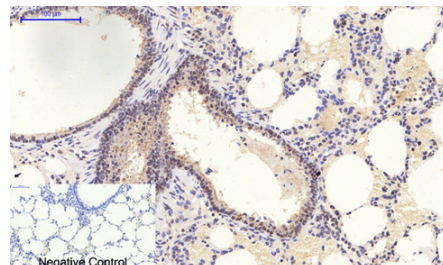
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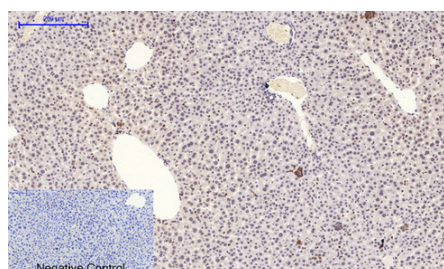
Xu, Yini, et al. "Inhibitory effects of oxymatrine on TGF- β 1-induced proliferation and abnormal differentiation in rat cardiac fibroblasts via the p38MAPK and ERK1/2 signaling pathways." *Molecular medicine reports* 16.4(2017): 5354-5362.



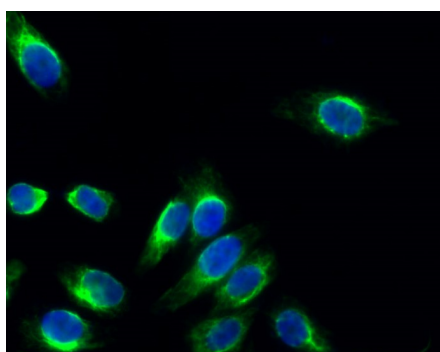
Immunohistochemical analysis of paraffin-embedded Human-lung tissue. 1, p38 (phospho Thr180/Y182) Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1, p38 (phospho Thr180/Y182) Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1, p38 (phospho Thr180/Y182) Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Hela cell. 1, p38 (phospho Thr180/Y182) Polyclonal Antibody (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000 (room temperature, 50min). 3 DAPI (blue) 10min.

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