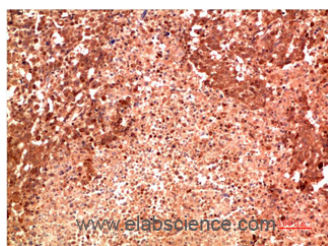


P38 Monoclonal Antibody

Catalog No.	E-AB-22147	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Mouse
Applications	IHC-p	Isotype	IgG

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

Images



Immunohistochemistry of paraffin-embedded Human lung carcinoma tissue using P38 Monoclonal Antibody at dilution of 1:200.

Immunogen Information

Immunogen	Synthetic Peptide of P38
Swissprot	Q16539
Synonyms	MAPK14,CSBP,CSBP1,CSBP2,CSPB1,MXI2,SAPK 2A,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 2,Mitogen-act

Product Information

Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purify	Protein A purification
Clone No.	Clone:7F4
Dilution	IHC 1:50-300

Background

MAPK14(mitogen-activated protein kinase 14) is also named as SAPK2A ,p38MAPK,CSBP1,RK,p38,EXIP,Mxi2,CSBP2,PRKM14,PRKM15,CSP B1,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(PMID:22231518). 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(PMID:21198398). This protein has 4 isoforms produced by alternative splicing.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.