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P38 Monoclonal Antibody

Cat #: G-AB-05733

Host: Mouse **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Monoclonal

Overview:
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(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.

Gene ID:

Accession #:

Immunogen: Synthetic Peptide of P38

Conjugation: Unconjugated

Swissprot: Q16539

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Purification Method: Protein A purification

Application: IHC-p

Dilution: IHC 1:50-300

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