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Anti-Phospho-p38 MAPK (Thr180/Tyr182) Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody
Catalog # ABV11821

Product Information

Application	WB, IHC
Primary Accession	Q16539 , Q15759 , O15264 , P53778
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG

Additional Information

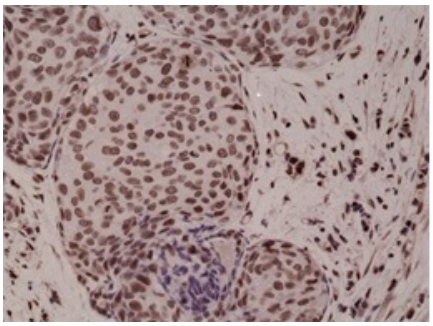
Positive Control	WB: Hela cell lysate; IHC: human breast cancer tissue
Application & Usage	WB: 1:1000 -1:2000 dilution; IHC: 1:500 - 1:1000 dilution
Alias Symbol	MAPK14
Other Names	p38MAPK, p38-MAPK, p38 Mitogen Activated Protein Kinase, Mxi2, MAX-interacting protein 2, CSBP1, CSBP2, CSPB1, Csaids , APK2A, stress-activated protein kinase 2A, p38, p38 Alpha, MAPK14, Mitogen Activated Protein Kinase 14, Exip, PRKM14, PRKM15, RK
Appearance	Colorless liquid
Formulation	In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-Phospho-p38 MAPK (Thr180/Tyr182) Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

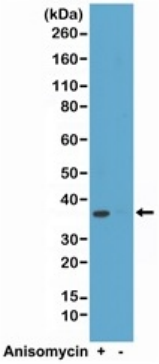
Background

p38 MAP kinase is the mammalian homologue of the yeast HOG kinase and participates in a cascade controlling cellular responses to cytokines and stress. Like the SAPK/JNK pathway, p38 MAP kinase is activated by a variety of cellular stresses including inflammatory cytokines, UV light and growth factors, etc. Activated p38 MAP kinase has been shown to phosphorylate and activate MAPKAP kinase-2 and to phosphorylate the transcription factors ATF-2 and Max.

Images



Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using anti-Phospho-38 MAPK (Thr180/Tyr182) monoclonal antibody at 1:1000 dilution.



Western blot of Hela cell lysates, treated or untreated with anisomycin using anti-Phospho-38 MAPK (Thr180/Tyr182) monoclonal antibody at 1:2000dilution, showed a band of phospho-p38 MAPK (~38kDa) in anisomycin-treated Hela cells.