

Anti-p38 MAPK Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody

Catalog # ABV11819

Product Information

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

Additional Information

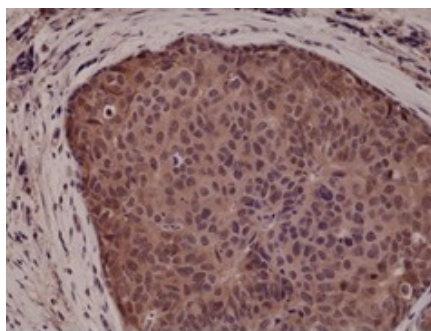
Positive Control	WB: human breast cancer tissue; IHC: HeLa cell lysates
Application & Usage	IHC: 1:1000 -1:5000 dilution; WB: 1:1000 - 1:2000 dilution.
Alias Symbol	MAPK14
Other Names	Mitogen-activated protein kinase 14, MK14, Mapk14, Mitogen-activated protein kinase p38alpha, MAP kinase p38alpha, CRK1, Csbp1, Csbp2, Cytokine suppressive anti-inflammatory drug-binding protein, CSAID-binding protein, CSBP, MAX--interacting protein 2, MAP kinase MXI2, SAPK2A
Appearance	Colorless liquid
Formulation	In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-p38 MAPK Rabbit Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

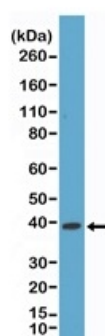
Background

p38 MAP kinase is the mammalian homologue of the yeast HOG kinase and participates in a cascade controlling cell 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-p38 MAPK rabbit monoclonal antibody at 1:5000 dilution.



Western blot of Hela cells lysates using anti-p38 MAPK rabbit monoclonal antibody at 1:1000 dilution, showed a band of p38 MAPK (~38kDa) expressed in Hela cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.