10320 Camino Santa Fe, Suite G
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Anti-Phospho-p38 MAPK (Thr180/Tyr182) Rabbit Monoclonal Antibody

Rabbit Monoclonal Antibody
Catalog # ABV11821

Specification

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

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

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

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

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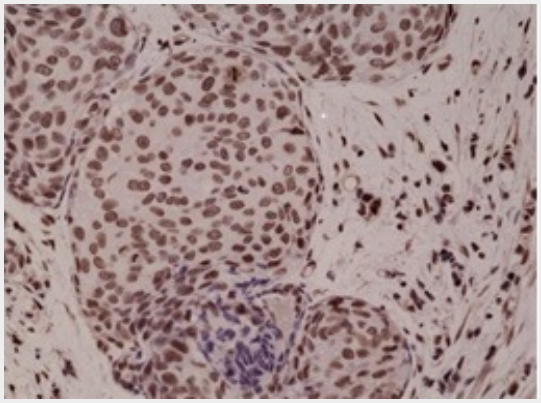
Anti-Phospho-p38 MAPK (Thr180/Tyr182) Rabbit Monoclonal Antibody - Protocols

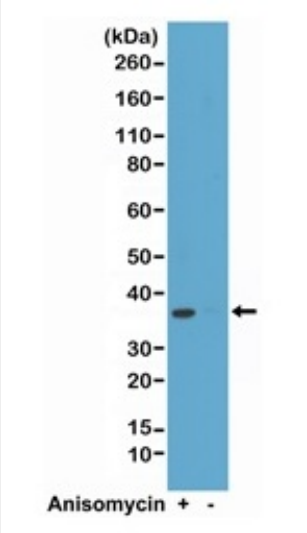
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

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