Biotin Conjugated-Phospho-p38 MAPK-T180 Rabbit mAb

Catalog NO.: AP1508BC Recombinant

Basic Information

Observed MW

Calculated MW
41 kDa

Category
Monoclonal Antibodies

Applications
IHC-P

Cross-Reactivity
Human

Conjugation
Biotin

Clone number
ARC61498

Background

The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. This kinase is activated by various environmental stresses and proinflammatory cytokines. The activation requires its phosphorylation by MAP kinase kinases (MKKs), or its autophosphorylation triggered by the interaction of MAP3K7IP1/TAB1 protein with this kinase. The substrates of this kinase include transcription regulator ATF2, MEF2C, and MAX, cell cycle regulator CDC25B, and tumor suppressor p53, which suggest the roles of this kinase in stress related transcription and cell cycle regulation, as well as in genotoxic stress response. Four alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

Recommended Dilutions

IHC-P	1:25 - 1:100

Immunogen Information

Gene ID
1432

Swiss Prot
Q16539

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
RK; p38; CSBP; EXIP; Mxi2; CSBP1; CSBP2; CSPB1; PRKM14; PRKM15; SAPK2A; p38ALPHA

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

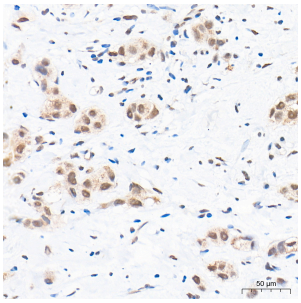
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Biotin Conjugated-Phospho-p38 MAPK-T180 Rabbit mAb (AP1508BC) at a dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.