

p38 MAPK (phospho Tyr182) antibody [HL2740]

Cat. No. GTX639569

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Observed MW (kDa) 41 kDa.

Product Note

This antibody detects p38 MAPK protein when singly phosphorylated at Tyr182 but does not recognize p38 MAPK protein when singly phosphorylated at Tyr180 or dually phosphorylated at Tyr180 and Tyr182.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Tyr182 of human p38 MAPK. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

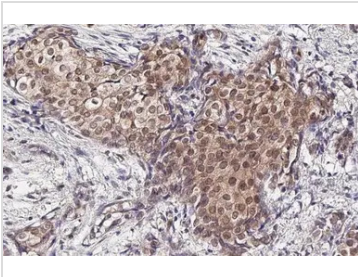


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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

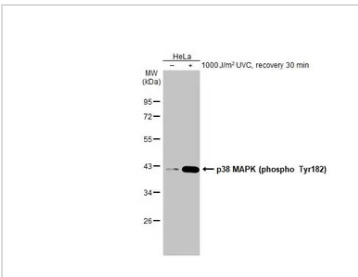
DATA IMAGES

GTX639569 IHC-P Image

p38 MAPK (phospho Tyr182) antibody [HL2740] detects p38 MAPK (phospho Tyr182) protein at cytoplasm and nucleus by immunohistochemical analysis.

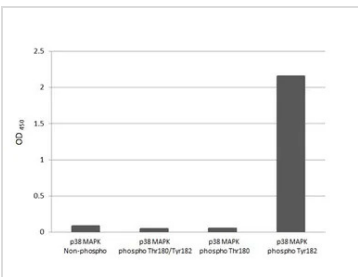
Sample: Paraffin-embedded human breast carcinoma.

p38 MAPK (phospho Tyr182) stained by p38 MAPK (phospho Tyr182) antibody [HL2740] (GTX639569) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX639569 WB Image

Untreated (–) and treated (+) HeLa whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with p38 MAPK (phospho Tyr182) antibody [HL2740] (GTX639569) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX639569 Image

Indirect ELISA analysis was performed by coating the plate with recombinant (MAPK14 peptide, MAPK14 (phospho Thr180) peptide, MAPK14 (phospho Tyr182) peptide, and MAPK14 (phospho Thr180/Tyr182) peptide) (15.63 ng/mL). Coated protein was probed with p38 MAPK (phospho Tyr182) antibody [HL2740] (GTX639569) (1 μg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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