

Anti-p38 MAP Kinase (Thr-180/Tyr-182), Phosphospecific Antibody

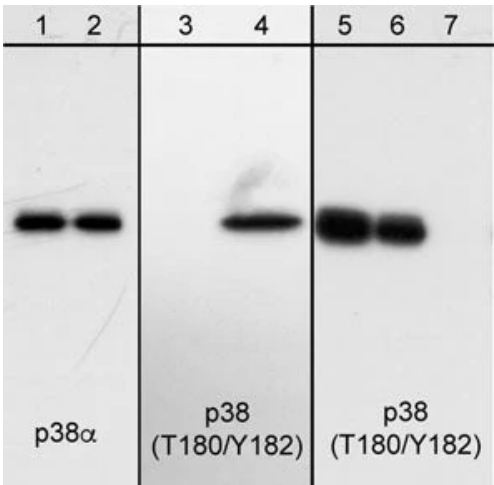


Product Details

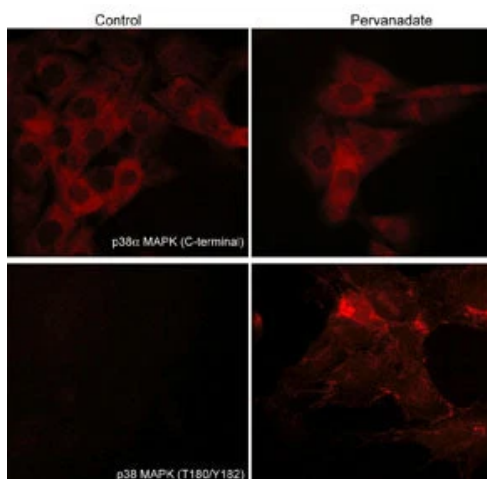
Available Variants	100 µL (SKU:PM1391)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M139
Gene Name	Mapk14
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:250
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M139 was generated from a phospho-p38α (Thr-180/Tyr-182) synthetic peptide (coupled to KLH) corresponding to amino acid residues around threonine 180 and tyrosine 182 of rat p38α. This peptide sequence is highly conserved in the p38β,γ, and δ MAPKs, and is identical in human and mouse p38α.
Specificity	This antibody detects a 38 kDa* protein corresponding to the apparent molecular mass of p38α on SDS-PAGE immunoblots of pervanadate treated human Jurkat and A431 cells, as well as anisomycin treated human HeLa cells.
Molecular Weight	38
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P70618
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	GOMAb/Phosphorylated
Post Translational Modification Residue	Thr-180/Tyr-182

Product Images



Western blot analysis of A431 cells serum starved overnight (lanes 1 & 3) or treated with pervanadate (1 mM) for 30 minutes (lanes 2 & 4). The blot was probed with anti-p38α (lanes 1 & 2) or anti-p38 (T180/Y182) (lanes 3-4). Lanes 5-7 shows a blot of A431 cells treated with pervanadate and probed with anti-p38 (T180/Y182) in the presence of no peptide (lane 5), phospho-ERK1 (T202/Y204) peptide (lane 6) or phospho-p38 (T180/Y182) peptide (lane 7).



Immunocytochemical labeling of activated p38 MAPK in pervanadate-treated mouse C2C12. The cells were labeled with mouse monoclonal p38 α MAPK and p38 MAPK (T180/Y182) antibodies, then the antibodies were detected using appropriate secondary antibodies conjugated to Cy3.

Product Page URL: www.antibodiesinc.com/products/anti-p38-map-kinase-thr-180-tyr-182-phosphospecific-antibody-pm1391



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