

Anti-Phosphoserine/threonine Antibody



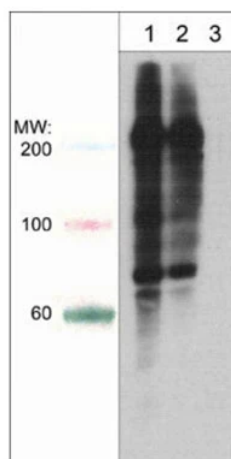
Product Details

Available Variants	100 µL (SKU:PM3801)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M380A/M380B
Gene Name	N/A
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, IP, WB
Dilution Ranges	WB: 1:500 ICC: 1:50 IP: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	PM3801 Phosphoserine/threonine is a mix of two clones: Clone M380A was generated from a phosphothreonine synthetic peptide (coupled to carrier protein) and Clone M380B was generated from a phosphoserine synthetic peptide (coupled to carrier protein).
Specificity	The antibody detects many serine or threonine phosphorylated proteins by western blot, immunocytochemistry, and ELISA.
Molecular Weight	N/A
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

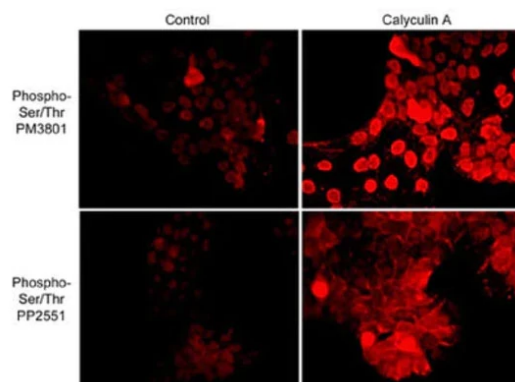
-20°C.

UniProt ID	<u>N/A</u>
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	Phosphorylated
Post Translational Modification Residue	pSer/Thr

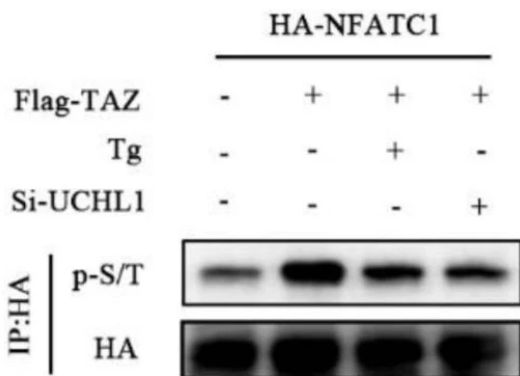
Product Images



Western blot analysis of A431 cells treated with calyculin A (100 nM) for 30 min (lane 1 and 2) then treated with lambda phosphatase (lane 3). The blot was probed with anti-Phosphoserine/threonine mouse monoclonal at 1:250 (lane 1) or 1:1000 (lanes 2 & 3).



Immunocytochemical labeling of phosphoserine and phosphothreonine in control and calyculin A-treated A431 cells. The cells were labeled with mouse monoclonal anti-Phosphoserine/threonine (PM3801) and rabbit polyclonal anti-Phosphoserine/threonine (PP2551), then the antibodies were detected using appropriate secondary antibodies conjugated to Cy3.



Western blot showing phosphorylation level (Cat. PM3801, 1:2000) of NFATC1 in TAZ overexpressed HEK-293T cells after 1 mM Tg treatment or UCHL1 knockout. Image from publication CC-BY-4.0. [PMID: 37215988](#)

Product Page URL: www.antibodiesinc.com/products/anti-phosphoserine-threonine-antibody-pm3801



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