

Anti-Stat1 (Tyr-701), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:SM1351)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M135
Gene Name	STAT1
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, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone (M135) was generated from a synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 701 of human Stat1. This peptide sequence has high homology to the conserved tyrosine site in rat and mouse stat1.
Specificity	The antibody detects 84 and 91 kDa* stat1 variants on SDS-PAGE immunoblots of human A431 treated with EGF, as well as Jurkat and A431 cells treated with pervanadate. The antibody does not detect these variants in control cells.
Molecular Weight	84/91
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 [P42224](#)

Country of Origin United States

Shipping Blue Ice

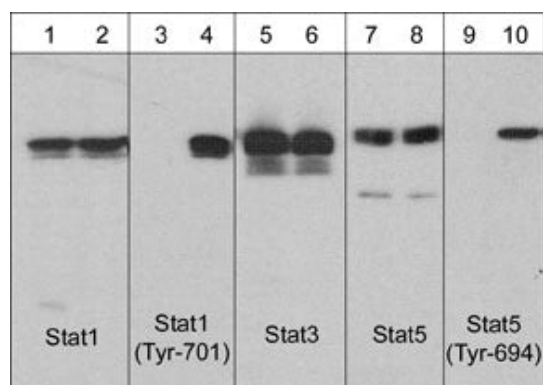
Expiration After date of receipt, stable for at least 1 year at -20°C.

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 Tyr-701

Product Images



Western blot analysis of A431 cells untreated (lanes 1, 3, 5, 7, & 9) or treated with EGF (100 nM) for 60 min (lanes 2, 4, 6, 8, & 10). The blots were probed with anti-Stat1 (lanes 1 & 2), anti-Stat1 (Tyr-701) (lanes 3 & 4), anti-Stat3 (lanes 5 & 6), anti-Stat5 (lanes 7 & 8), and anti-Stat5 (Tyr-694) (lanes 9 & 10).

Product Page URL: www.antibodiesinc.com/products/anti-stat1-tyr-701-phosphospecific-antibody-sm1351



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