

Anti-Stat5 (C-terminal region) Antibody

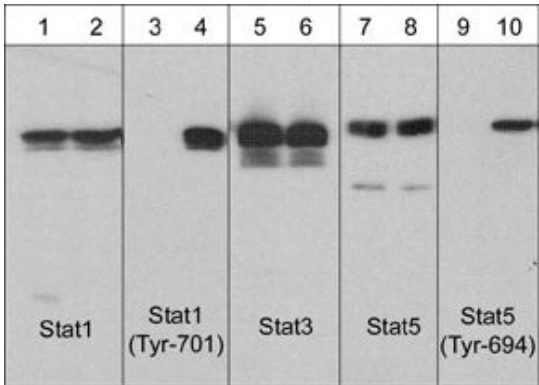


Product Details

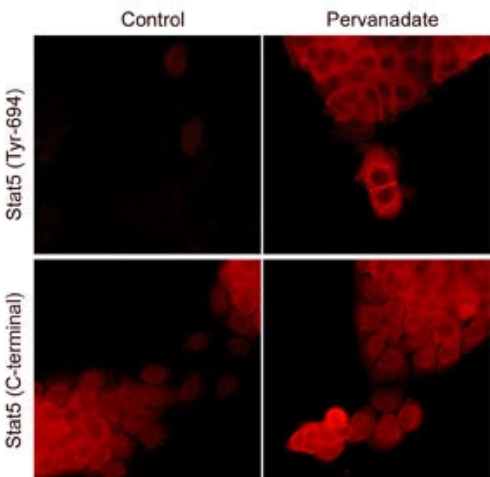
Available Variants	100 µL (SKU:SM2511)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M251
Gene Name	STAT5A
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone (M251) was generated from a recombinant protein that included amino acid residues in the C-terminal region of human Stat5A. This sequence has high homology to the conserved regions in rat and mouse Stat5A and B.
Specificity	The antibody detects a 92 kDa* band corresponding to Stat5A on SDS-PAGE immunoblots of human A431 cells.
Molecular Weight	92
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	P42229
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.

Product Images



Western blot analysis of human A431 cells untreated (lanes 1, 3, 5, 7, & 9) or treated with EGF (100 ng/ml 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).



Immunocytochemical labeling of Stat5 in control and pervanadate-treated A431 cells. The cells were labeled with mouse monoclonal Stat5 (SM2511) or Stat5 (Tyr-694) (SM1481) antibodies, then the antibodies were detected using appropriate secondary antibody conjugated to DyLight® 594.



