

Product datasheet for **TA389188**

Mouse Antibody [Clone ID: M375]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M375
Applications:	ICC, IP, WB
Recommended Dilution:	WB: 1:1000 ICC: 1:100
Reactivity:	Human, Rat, Mouse, Chicken
Host:	Mouse
Isotype:	IgG2b
Immunogen:	Clone M375 was generated from tyrosine phosphorylated proteins purified from pervanadate treated A431 cells.
Specificity:	This antibody detects phosphotyrosine-containing proteins on SDS-PAGE immunoblots of EGF treated A431 cells, as well as pervanadate treated A431, HeLa, Jurkat, and endothelial cells.
Formulation:	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Concentration:	lot specific
Purification:	Protein A Purified
Conjugation:	Unconjugated
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.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Background:	Phosphorylation of specific tyrosine residues is an important post-translational modification for regulating the activity of most proteins. Stimulation of a variety of cell signaling pathways activates the receptor and non-receptor tyrosine kinases that mediate these protein modifications. Antibodies that can detect phosphotyrosine residues are excellent tools for characterizing changes in the post-translational state of a broad range of phosphotyrosine-containing proteins. Immunoprecipitation of proteins of interest, followed by detection of phosphotyrosine using anti-phosphotyrosine antibody is commonly used to correlate changes in tyrosine phosphorylation state with alterations in protein activity.
Note:	Protein G purified tissue culture supernatant.



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