

## Product datasheet for **TA389185**

### (pSer/Thr) Mouse Antibody [Clone ID: M380A/M380B]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	M380A/M380B
Applications:	ICC, IP, WB
Recommended Dilution:	<b>WB:</b> 1:500 <b>ICC:</b> 1:50
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Isotype:	IgG1
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.
Formulation:	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> 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 serine or threonine 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 ser/thr kinases that mediate these protein modifications. Antibodies that can detect phosphoserine or phosphothreonine residues are excellent tools for characterizing changes in the post-translational state of a broad range of phosphorylated proteins. Immunoprecipitation of proteins of interest followed by detection of phosphoserine or phosphothreonine using anti-phosphoserine antibody is commonly used to correlate changes in phosphorylation state with alterations in protein activity.



[View online >](#)

**Note:** Protein G purified tissue culture supernatant.