



## Peninsula Laboratories, LLC

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### Monoclonal Antibody To Human TNF $\alpha$ Tumor Necrosis Factor alpha

Monoclonal antibody 2C8 is useful for studying biological effects of TNF- $\alpha$  *in vitro* and *in vivo*. The antibody is neutralizing TNF- $\alpha$  effects *in vitro*. 2C8 can also be used as a capture antibody in a sandwich ELISA to quantitate TNF- $\alpha$ .

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<b>Product Number:</b>	T-1401
<b>Clone:</b>	2 C 8
<b>Host species, isotype:</b>	Mouse IgG1
<b>Quantity:</b>	100 $\mu$ g
<b>Format:</b>	Affinity purified, endotoxin depleted, lyophilized  Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.2mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), no stabilizer and no preservative.
<b>Stability:</b>	Original vial: 1 year at 4° - 8°C  Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
<b>Applications:</b>	Tested for ELISA.  <b>Approximate working dilution:</b> Optimal dilutions should be determined by the end user.
<b>Immunogen:</b>	Recombinant human TNF $\alpha$ .

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#### Selected references

L.J.Old, (1987): Polypeptide mediator network, Nature 326:330-331 (short review about action of TNF and other related polypeptides)

L.T. Tartaglia et al. (1991): The two different receptors for tumor necrosis factor mediate distinct cellular responses. Proc.Nat.Acad Sci 88:9292-9296

R.A.Smith & C.Baglioni (1987): The Active Form of Tumor necrosis Factor is a Trimer, J. Biol. Chem 262:6951-6954

S.Mukavitz Kramer & M.E.Carver (1986): Serum-free in vitro bioassay for the detection of tumor necrosis factor. J.Immunol Meth 93:201-206).

For in vitro research only. This product contains no preservative.