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Mouse anti-Human TGF- β Monoclonal Antibody [8C4] Datasheet

Catalogue No	MO-C40009F
Product name	Mouse anti-human TGF- β monoclonal antibody [8C4]
Clone No	8C4
Product type	Primary antibodies
Description	Mouse monoclonal antibody to human Transforming Growth Factor beta (TGF- β), Protein G affinity purified
Target protein	Human TGF- β
Immunogen	TGF- β from human platelets
Specificity	Western blotting demonstrated that this MAb reacts to either dimeric (25 kDa) or monomeric (12.5 kDa) molecules of TGF- β under non-reducing and reducing condition respectively. This MAb recognizes both human platelet-derived and recombinant TGF- β in enzyme-linked immunosorbent assay (ELISA)
Reactivity	Human, others not tested
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.0
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	ELISA, Neutralization, Immunohistochemistry Neutralizing Activity: This MAb neutralizes TGF- β activity in vitro in inhibition assay of CCL/64 cell growth and also neutralize the growth promoting action of TGF- β in the NRK-49F colony forming assays. The effect of micro-injection of this MAb into one blastomere of two cell stage Xenopus embryos indicated that this MAb was able to neutralize effectively the bioactivity of TGF- β in vivo. Immunohistochemistry: May be used in immunohistochemical techniques to locate TGF- β within tissues.
Research	Growth Factors, Hormones and their Receptors, Angiogenesis
Storage	Store at -20° C
References	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administration to humans and animals for use in diagnostic and therapeutic procedures.

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