



Abazyme, LLC

Mouse anti-Human TGF- β Monoclonal Antibody Datasheet [2C6]

Catalogue No MO-C40009D

Product name Mouse anti-human TGF- β monoclonal antibody [2C6]

Clone No 2C6

Product type Primary antibody

Description Mouse monoclonal antibody to 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 antibody reacts with the dimeric (25 kDa) and monomeric (12.5 kDa) forms of TGF-beta under both non-reducing and reducing conditions respectively. This antibody recognizes both human platelet-derived and recombinant TGF-beta in ELISA.

Reactivity Human, others not tested

Clonality Monoclonal

Source Mouse

Myeloma Sp2/0-Ag14

Subclass IgG1

Light Chain Kappa

Formulation Lyophilized from a solution of 0.01M PBS, pH 7.0

Concentration Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml

Applications

ELISA, Western Blot, Neutralization, Immunohistochemistry

Western Blot: MAb 2C6 at a concentration of 50-500 ng/mL will allow visualization of 100-500 ng/lane of TGF- β

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

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