



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to TGF beta1

Catalog Number: MAB-606020076

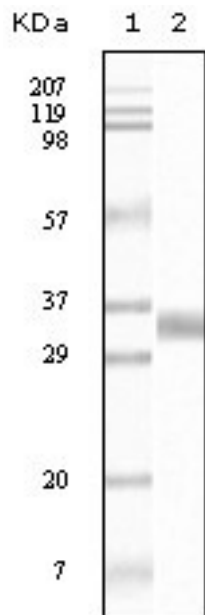


Figure 1: Western blot analysis using TGF beta1 mouse mAb against truncated TGF beta1 recombinant protein.

Lot#: 0601
Clone#: 4F9C10,1B11B7
Host and isotype: Mouse IgG2a
Size: 0.1ml
MW:
Aliases: CED; DPD1; TGFB;
TGFBeta; TGFB1
Entrez Gene: 7040
Species reactivity: Human

Description TGF beta(transforming growth factor beta), with 390-amino acid protein (about 43 kDa), is a multifunctional peptide that controls proliferation, differentiation, and other functions in many cell types. In mammals, three isoforms of TGFBeta, that is, beta1, beta2, and beta3, are known. TGF beta is one of numerous inhibitory factors produced by cancer cells that regulate antitumor immunity. TGF beta1 takes part in the local response in the course of primary lung cancer and TGFBeta1 is thought to be implicated in breast cancer progression. TGFBeta1 also plays a critical role in the downregulation of microglial responses minimizing brain inflammation and thus avoiding exacerbation of brain damage.

Immunogen Purified recombinant fragment of TGF beta1 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product References 1. Delphine Boche, Colm Cunningham, Fabian Docagne. Neurobiol Dis. 2006 Feb 27
2. Shizuya Saika. Lab Invest. 2006 Feb;86(2):106-15

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com