

## Mouse Monoclonal Antibody to TGF beta1

<b>Catalogue Number</b>	sAP-0059
<b>Target Molecule</b>	<p><b>Name:</b> TGF beta1</p> <p><b>Aliases:</b> CED; DPD1; TGFB; TGFbeta; TGFB1</p> <p><b>MW:</b> N/A</p> <p><b>Entrez Gene ID:</b> 7040</p>
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of TGF beta1 expressed in E. Coli. ; ;
<b>Reactive Species</b>	Human
<b>Clone</b>	MM4F9C10;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Delphine Boche, Colm Cunningham, Fabian Docagne. Neurobiol Dis. 2006 Feb 27 ; 2. Shizuya Saika. Lab Invest. 2006 Feb;86(2):106-15 ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**