

Product datasheet for **AM06127SU-N**

TGF beta 1 (TGFB1) Mouse Monoclonal Antibody [Clone ID: GE 4.90]

Product data:

Product Type:	Primary Antibodies
Clone Name:	GE 4.90
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/10000. Western Blotting: 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of TGF beta1 expressed in E. Coli.
Specificity:	Recognizes TGF beta-1
Formulation:	State: Ascites State: Ascitic fluid Preservative: 0.03% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transforming growth factor beta 1
Database Link:	Entrez Gene 7040 Human P01137



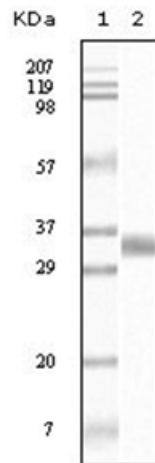
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Background:

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.

Synonyms:

TGFB, Transforming growth factor beta-1, TGF-beta-1

Product images:

Western blot analysis using TGF beta-1 antibody Cat.-No AM06127SU-N against truncated TGF beta1 recombinant protein.