Recombinant Transforming Growth Factor Beta 1 (TGFB1) (Marker of Tumor Invasiveness) Antibody

Mouse Monoclonal Antibody [Clone rTGFB17]

Catalog No	Format	Size
7040-MSM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7040-MSM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7040-MSM8-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

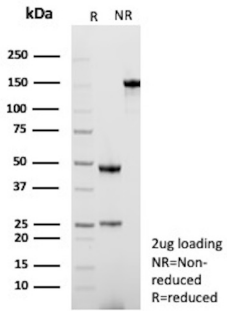
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	rTGFB17
Gene Name	TGFB1
Immunogen	Prokaryotic recombinant protein corresponding to the full length mature transforming growth factor beta1 molecule
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	13kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	Human placenta.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Transforming Growth Factor Beta 1 (TGFB1) (Marker of Tumor Invasiveness) Antibody



SDS-PAGE Analysis of Purified Transforming Growth Factor Beta 1 Recombinant Mouse Monoclonal Antibody (rTGFB17). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Transforming growth factor beta (TGFB) is a potent cell regulatory polypeptide homodimer of 25 kD. It variably affects cell growth, differentiation and other aspects of cellular metabolism such as extracellular matrix production. Its effect depends upon the cell type and other growth factors present but in general, TGFB inhibits the growth of epithelial cells and stimulates the growth of mesenchymal cells.

Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Angiogenesis, Cardiovascular, Colon Cancer, Complement System, Cytokine Signaling, Developmental Biology, Immunology, Infectious Disease, MAPK Signaling, Mesenchymal Stem Cell Differentiation, Neuroinflammation, Signal Transduction, Stem Cell Differentiation, Transcription Factors

Limitations and Warranty