
Product name:	TGFB1 (10L15) Rabbit Monoclonal Antibody
Cat number:	MABN18853
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human TGFB1
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:1000-1:5000, IHC 1:100-1:200, ICC/IF 1:50-1:100
Molecular Weight:	54kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Supplied in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% New type preservative N and 0.05% BSA.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	TGFB1 is a RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. TGFB1 plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. TGFB1 is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Plays a role in cell adhesion (PubMed:8024701). May play a role in cell-collagen interactions (By similarity).