

TGFB2

Mouse Anti-Human Transforming Growth Factor- β 2 mAb

Catalog No.	MAB1	Quantity:	500 μ g
Alternate Names:	TGF- β 2		
Description:	<p>Transforming growth factor beta-2 protein is a precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-2 (TGF-beta-2) chains, which constitute the regulatory and active subunit of TGF-beta-2, respectively.</p> <p>Human TGF-beta 2 (TGF-β2) antibody is a mouse monoclonal antibody (IgG1) which recognizes an epitope within amino acids 50-75 of mature human TGF-β2.</p> <p>It does not inhibit the binding of TGF-β2 to the type 2 TGF-β receptor in mink lung epithelial cells (Mv1Lu) and is not a neutralizing antibody.</p>		
Gene ID:	7042		
UniProt ID:	P61812		
Immunogen:	Synthetic peptide corresponding to amino acids 50-75 of human TGF- β 2 (YLWSSDTQHSRVLSLYNTINPEASAS)		
Specificity:	<p>The monoclonal antibody is specific for human TGF-β2.</p> <p>No reactivity to human TGF-β1 or TGF-β3.</p>		
Source:	Produced in cell culture from mouse hybridoma cells derived from the SP2/0 myeloma cell line.		
Isotype:	IgG1		
Purification:	Protein G affinity chromatography		
Formulation:	Lyophilized		
Reconstitution:	Centrifuge vial prior to opening. Dissolve in 500 μ L sterile water and dilute in a buffer suitable for the desired application.		
Cross-Reactivity:	Reacts with bovine TGF- β 2.		
Applications:	Western Blot, Immunohistochemistry		
Application Notes:	<p>Western Blot: start at a working dilution of 1:1,000.</p> <p>IHC: start at a working dilution of 1:10-1:50.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Upon receipt, store as supplied at 2-8 $^{\circ}$ C for up to 2 years. Upon reconstitution, store in working aliquots at -20 $^{\circ}$ C to -80 $^{\circ}$ C. Avoid repeated freeze-thaw cycles.		

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