



TGFβ1 Monoclonal Antibody

Catalog No	YP-Ab-15852
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	TGFB1 TGFB
Protein Name	Transforming growth factor beta-1, TGF-β1, TGF b
Immunogen	Purified recombinant fragment of TGFβ1 expressed in E. Coli.
Specificity	TGFβ1 Monoclonal Antibody detects endogenous levels of TGFβ1 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TGFB1; TGFB; Transforming growth factor beta-1; TGF-beta-1
Observed Band	
Cell Pathway	[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix .; [Transforming growth factor beta-1]: Secreted .
Tissue Specificity	Highly expressed in bone (PubMed:11746498, PubMed:17827158). Abundantly expressed in articular cartilage and chondrocytes and is increased in osteoarthritis (OA) (PubMed:11746498, PubMed:17827158). Colocalizes with ASPN in chondrocytes within OA lesions of articular cartilage (PubMed:17827158).
Function	
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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