



TGFβ1 mouse Monoclonal Antibody(10E5)

Catalog No	YP-Ab-15862
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	IHC-p;IF(paraffin section)
Gene Name	TGFB1 TGFB
Protein Name	Transforming growth factor beta-1, TGF-β1, TGF b
Immunogen	Synthetic Peptide of TGFβ1 at AA range of 310-390
Specificity	TGFβ1 protein detects endogenous levels of TGFB1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC 1:100-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TGFB1
Observed Band	12,25,45-65
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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