

Summary

Production Name	TGFB2 Mouse Monoclonal Antibody
Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Immunogen

Gene Name	TGFB2
Alternative Names	Transforming growth factor beta-2, TGF-beta-2, BSC-1 cell growth inhibitor, Cetermin, Glioblastoma-derived T-cell suppressor factor, G-TSF, Polyergin, Latency-associated peptide, LAP, TGFB2
Gene ID	7042.0
SwissProt ID	P61812.This TGFB2 monoclonal antibody is generated from mouse immunized with TGFB2 recombinant protein.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:100-1:500,ICC 1:20-1:50
Molecular Weight	47.7kDa

Product Name: TGFB2 Mouse Monoclonal Antibody
Catalog #: AMM86048



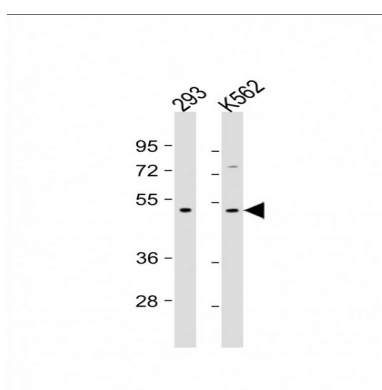
Background

This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types by transducing their signal through combinations of transmembrane type I and type II receptors (TGFR1 and TGFR2) and their downstream effectors, the SMAD proteins. Disruption of the TGFB/SMAD pathway has been implicated in a variety of human cancers. The encoded protein is secreted and has suppressive effects of interleukin-2 dependent T-cell growth. Translocation t(1;7)(q41;p21) between this gene and HDAC9 is associated with Peters' anomaly, a congenital defect of the anterior chamber of the eye. The knockout mice lacking this gene show perinatal mortality and a wide range of developmental, including cardiac, defects. Alternatively spliced transcript variants encoding different isoforms have been identified.

Research Area

TGF-beta signaling pathway, MAPK signaling pathway

Image Data



All lanes : Anti- at 1:500-1:1000 dilution

Note

For research use only.