
Product Name: TGFBR3 Mouse Monoclonal Antibody**Catalog #: AMM83023**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	93.4kDa

Antigen Information

Gene Name	TGFBR3
Alternative Names	BGCAN; betaglycan
Gene ID	7049.0
SwissProt ID	Q03167
Immunogen	Purified recombinant fragment of human TGFBR3 (AA: 147-328) expressed in E. Coli.

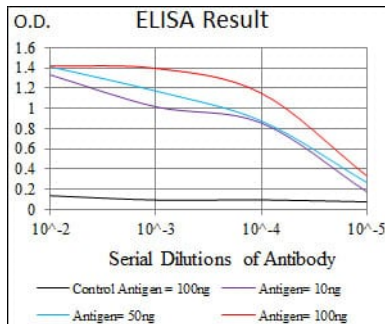
Background

This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGFβ signaling. Decreased expression of this receptor has been observed in

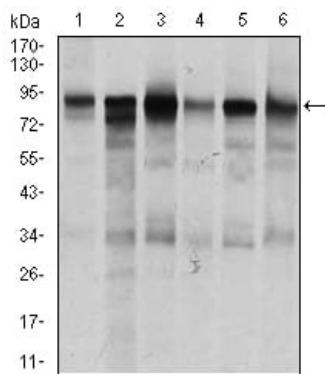
various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

Research Area

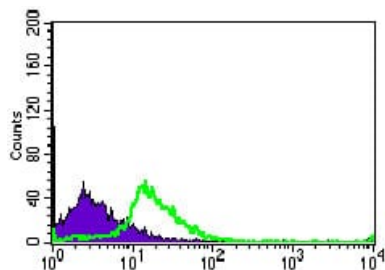
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using TGFBR3 mouse mAb against Jurkat (1), HeLa (2), MCF-7 (3), F9 (4), SK-N-SH (5), and NIH3T3 (6) cell lysate.



Flow cytometric analysis of MOLT4 cells using TGFBR3 mouse mAb (green) and negative control (purple).