

Product datasheet for **TA809351M**

TGF beta Receptor III (TGFB β R3) Mouse Monoclonal Antibody [Clone ID: OTI4F11]

Product data:

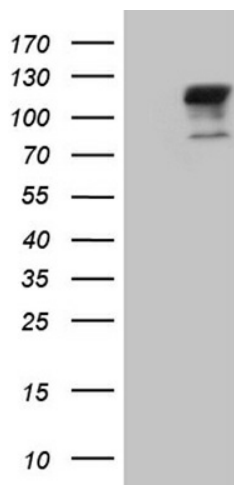
Product Type:	Primary Antibodies
Clone Name:	OTI4F11
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 531-777 of human TGFB β R3(NP_003234) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	93.3 kDa
Gene Name:	transforming growth factor beta receptor 3
Database Link:	NP_003234 Entrez Gene 7049 Human Q03167
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 TGFB β R3, which may inhibit TGFB 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. [provided by RefSeq, Sep 2010]


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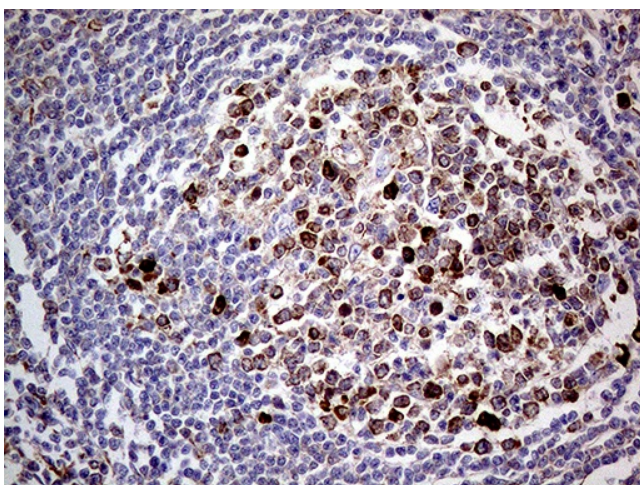
Synonyms: betaglycan; BGCAN

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TGFB3 (Cat# [RC216595], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TGFB3 (Cat# [TA809351])(1:2000). Positive lysates [LY401117] (100ug) and [LC401117] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-TGFB3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.