

# TGF $\beta$ Receptor III Mouse Monoclonal Antibody(7G11)

## Catalog No: RA10270

### Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H
Specificity	The antibody detects endogenous TGF $\beta$ Receptor III proteins.
Recommended dilutions	IHC 1:100-200 Optimal dilutions should be determined by the end user.

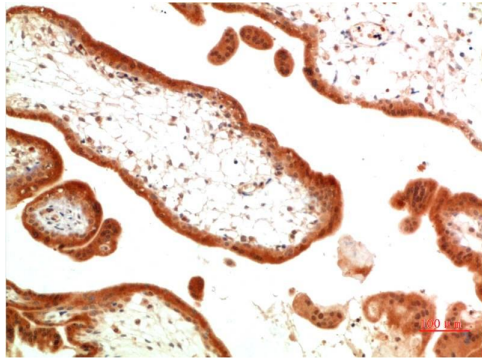
### Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

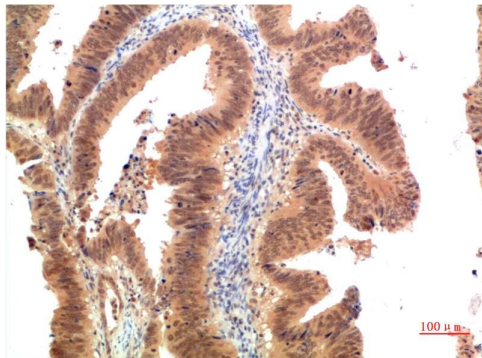
### Background

Alternative Names	TGFB3; Transforming growth factor beta receptor type 3; TGF-beta receptor type 3; TGFR-3; Betaglycan
Observed band	110
Human Gene ID	7049
Human Swiss-Prot Number	Q03167
Background	transforming growth factor beta receptor 3(TGFB3) Homo sapiens 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 TGFB3, 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.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Placenta Tissue using TGFβ Receptor III Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using TGFβ Receptor III Mouse mAb diluted at 1:200.