

**bsm-54085R****[ Primary Antibody ]**

**Bioss**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

## TGFBI Recombinant Rabbit mAb

### DATASHEET

**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 9C2**GeneID:** 7045**SWISS:** Q15582**Target:** TGFBI**Immunogen:** A synthesized peptide derived from human TGFBI: 100-150.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

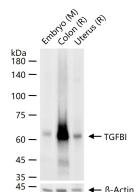
**Background:** This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq, Jul 2008]

**Applications:** WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**Reactivity:** Human, Mouse, Rat

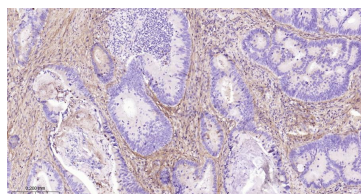
**Predicted**  
**MW.:** 72 kDa

**Subcellular**  
**Location:** Secreted

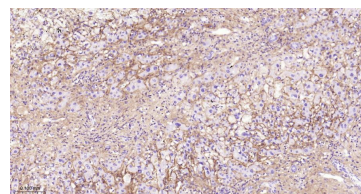
### VALIDATION IMAGES



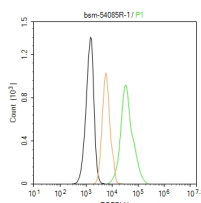
25 ug total protein per lane of various lysates (see on figure) probed with TGFBI monoclonal antibody, unconjugated (bsm-54085R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TGFBI Monoclonal Antibody, Unconjugated (bsm-54085R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TGFBI Monoclonal Antibody, Unconjugated (bsm-54085R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-TGFBI antibody (bsm-54085R, 1:100); Isotype Control (orange):

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Rabbit IgG (bs-0295P). Blank control (black):  
PBS. Acquisition of 20,000 events was  
performed.