

Product Data Sheet: TGF beta1

Cat. No: AB-84169
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb

Host: Rb Isotype: IgG

Immunogen:Recombinant fusion protein containing a sequence corresponding to amino acids

481-683 of human TGFBI

Reactivity: Hu,Ms

Applications: Western Blot: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:200

Molecular Weight: 75kDa **Purification:** Aff. Pur.

Synonyms: TGFBI; BIGH3; CDB1; CDG2; CDGG1; CSD1; CS D2; CSD3; EBMD; LCD1;

transforming growth fact or beta induced.

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

Background: integrins. This protein plays a role in cell-collagen interactions and may be

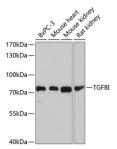
involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this

gene are associated with multiple types of corneal dystrophy.

Form: Liquid

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

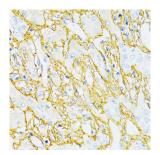
Storage: Store at -20°C. Avoid freeze / thaw cycles.



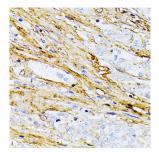
Western blot analysis of extracts of various cell lines, using TGFBI antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TRST

Detection: ECL Basic Kit.



Immunohistochemistry of paraffin embedded human liver cancer using TGFBI antibody at dilution of 1:100 (40x lens).

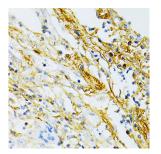


Immunohistochemistry of paraffin embedded human colon carcinoma using TGFBI antibody at dilution of 1:100 (40x lens).



Product Data Sheet: TGF beta1

Exposure time: 5s.



Immunohistochemistry of paraffin embedded human lung cancer using TGFBI antibody at dilution of 1:100 (40x lens).

For Research use only IMMUNOLOGICAL SCIENCES