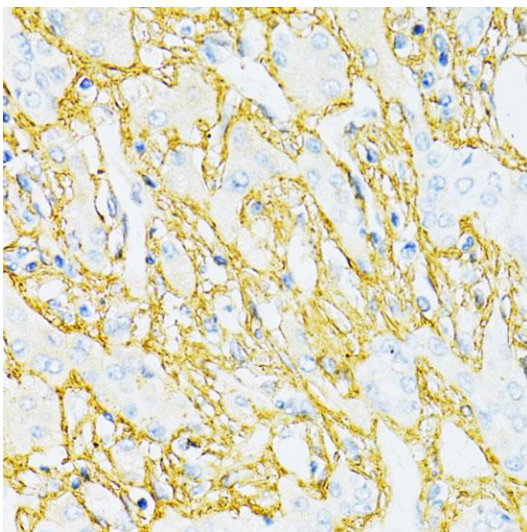
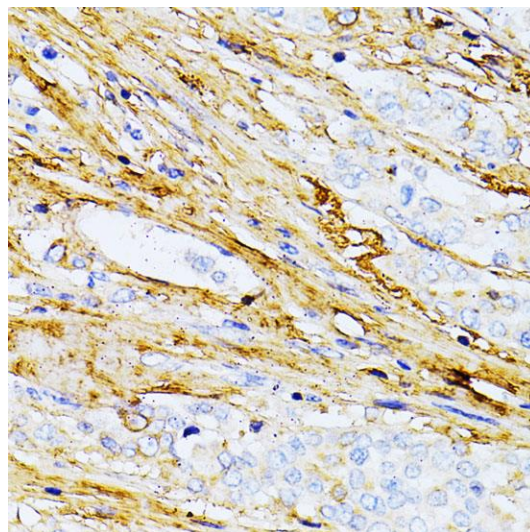

Product name:	TGF beta1
Cat number:	AB-84169
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 481-683 of human TGFBI
Reactivity:	Hu,Ms
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200
Molecular Weight:	75kDa
Purification:	Aff. Pur.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid 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.



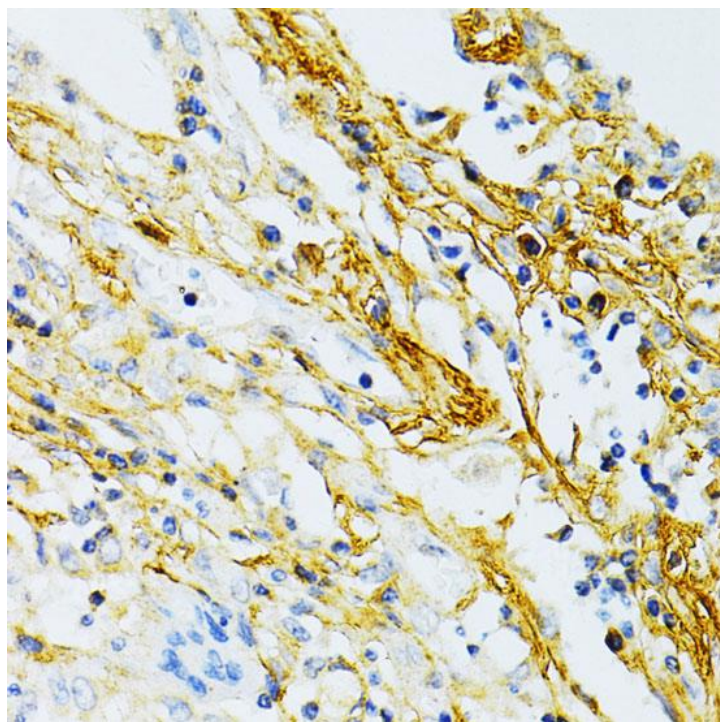
Western blot analysis of extracts of various cell lines, using TGFBI antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



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).



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