

À des fins de recherche uniquement

Anticorps Monoclonal anti-TGFBI / BIGH3



Numéro de catalogue: CL488-60007

Phare

1 Publications

Informations de base

Numéro de catalogue: CL488-60007	Numéro d'acquisition GenBank: BC000097	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7045	CloneNo.: 3E11D11
Hôte: Mouse	Nom complet: transforming growth factor, beta-induced, 68kDa	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 683 aa, 75 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0241		

Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu de cancer du côlon humain,
Spécificité de l'espèce: Humain	

Informations générales

TGFBI, also named as BIGH3, Kerato-epithelin and RGD-CAP, binds to type I, II, and IV collagens. TGFBI is an adhesion protein which may play an important role in cell-collagen interactions. In cartilage, it may be involved in endochondral bone formation. TGFBI is an extracellular matrix adaptor protein, it has been reported to be differentially expressed in transformed tissues. TGFBI is a predictive factor of the response to chemotherapy, and suggest the use of TGFBI-derived peptides as possible therapeutic adjuvants for the enhancement of responses to chemotherapy. (PMID:20509890) Defects in TGFBI are the cause of epithelial basement membrane corneal dystrophy (EBMD). Defects in TGFBI are the cause of corneal dystrophy Groenouuw type 1 (CDGG1). Defects in TGFBI are the cause of corneal dystrophy lattice type 1 (CDL1). Defects in TGFBI are a cause of corneal dystrophy Thiel-Behnke type (CDTB). Defects in TGFBI are the cause of Reis-Buecklers corneal dystrophy (CDRB). Defects in TGFBI are the cause of lattice corneal dystrophy type 3A (CDL3A). Defects in TGFBI are the cause of Avellino corneal dystrophy (ACD).

Publications notables

Autrice	Pubmed ID	Journal	Application
Indranil Paul	36755019	Nat Commun	

Stockage

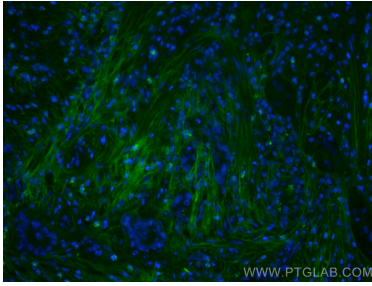
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

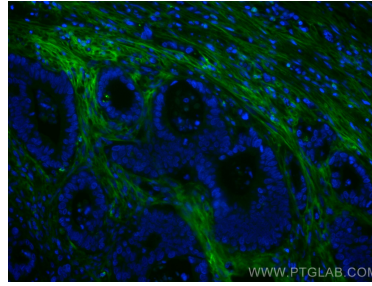
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

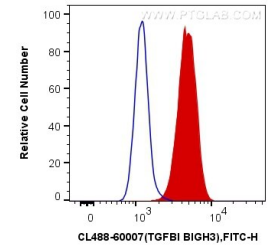
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite® Plus 488 TGFBI / BIGH3 antibody (CL488-60007, Clone: 3E11D11) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite® Plus 488 TGFBI / BIGH3 antibody (CL488-60007, Clone: 3E11D11) at dilution of 1:200.



1×10^6 Y79 cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Anti-Human TGFBI / BIGH3 (CL488-60007, Clone: 3E11D11) (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).