À des fins de recherche uniquement

Anticorps Monoclonal anti-TGFBI / BIGH3

Numéro de catalogue:CL594-60007 Phare

Informations de base

Numéro de catalogue:
CL594-60007

Taille:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Hôte:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG0241

Numéro d'acquisition GenBank:
BC000097

Identification du gène (NCBI):
7045

Nom complet:
transforming growth factor, beta-induced, 68kDa

MW calculé
683 aa, 75 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
3E11D11

Dilutions recommandées:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Applications testées:
FC (Intra), IF

Spécificité de l'espèce:
Humain

Contrôles positifs:

IF : tissu de cancer du côlon 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 Groenouw 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).

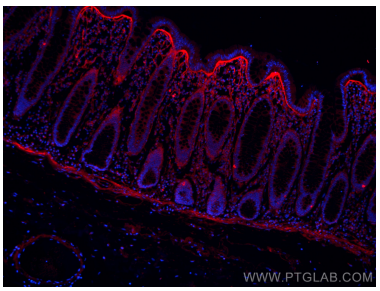
Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière.
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

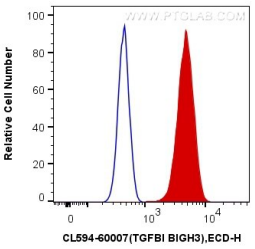
***** Les 20ul contiennent 0,1% de BSA.**

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

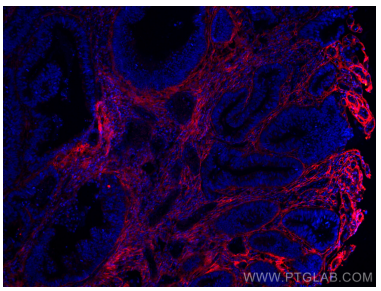
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite®594 TGFBI / BIGH3 antibody (CL594-60007, Clone: 3E11D11) at dilution of 1:200.



1X10^6 Y79 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human TGFBI / BIGH3 (CL594-60007, Clone:3E11D11) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



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