

For Research Use Only

CoraLite® Plus 488-conjugated TCF7L1/TCF7L2 Monoclonal antibody



Catalog Number:CL488-67652

Basic Information

Catalog Number: CL488-67652	GenBank Accession Number: BC058894	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 83439	CloneNo.: 2B2D12
Source: Mouse	Full Name: transcription factor 7-like 1 (T-cell specific, HMG-box)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2b	Calculated MW: 63 kDa	
Immunogen Catalog Number: AG28954	Observed MW: 70 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, Mouse

Background Information

TCF7L1 is one of TCF/LEF transcription factors that are mediators of the Wnt signaling pathway and are antagonized by the TGF-beta signaling pathway. It binds to DNA and acts as a repressor in the absence of CTNNB1, and as an activator in its presence. It's necessary for the terminal differentiation of epidermal cells, the formation of keratohyalin granules and the development of the barrier function of the epidermis. This antibody raised against 1-200aa of human TCF7L1 can also react with TCF7L2.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

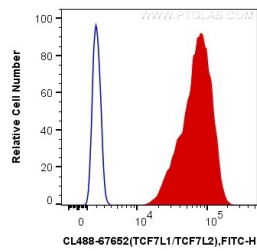
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% 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.

Selected Validation Data



1X10⁶ A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TCF7L1/TCF7L2 (CL488-67652, Clone:2B2D12) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).