

For Research Use Only

CoraLite® Plus 488-conjugated TCF7L1/TCF7L2 Monoclonal antibody



Catalog Number: CL488-67652

Basic Information

Catalog Number:

CL488-67652

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG28954

GenBank Accession Number:

BC058894

GeneID (NCBI):

83439

UNIPROT ID:

Q9HCS4

Full Name:

transcription factor 7-like 1 (T-cell specific, HMG-box)

Calculated MW:

63 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

2B2D12

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

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

For technical support and original validation data for this product please contact:

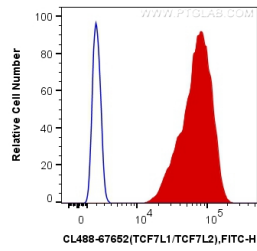
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).