

For Research Use Only

CoraLite® Plus 488-conjugated FBXO38 Recombinant antibody

Catalog Number:CL488-83509-5



Basic Information

Catalog Number: CL488-83509-5	GenBank Accession Number: XM_005268513.1	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 81545	CloneNo.: 240513A4
Source: Rabbit	UNIPROT ID: Q6PIJ6	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: F-box protein 38	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG35444	Calculated MW: 134kDa, 1188aa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

Background Information

FBXO38, also known as HMN2D, MOKA, and SP329, is a protein that plays a significant role in the regulation of immune responses, particularly in the context of cancer and autoimmune diseases. FBXO38 has been identified as an E3 ubiquitin ligase that mediates the degradation of PD-1 (Programmed cell death protein 1), a key immune checkpoint protein expressed on the surface of T cells. The internalization, ubiquitination, and proteasome degradation of PD-1 are facilitated by FBXO38, which links PD-1 to Lys48, leading to its poly-ubiquitination and subsequent degradation (PMID: 30487606).

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:

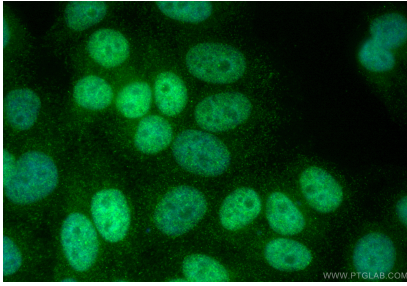
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 FBXO38 antibody (CL488-83509-5, Clone: 240513A4) at dilution of 1:200.