

For Research Use Only

CoraLite® Plus 488-conjugated DDRGK1 Polyclonal antibody



Catalog Number: CL488-21445

Featured Product

Basic Information

Catalog Number:

CL488-21445

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13742

GenBank Accession Number:

BC000643

GeneID (NCBI):

65992

UNIPROT ID:

Q96HY6

Full Name:

DDRGK domain containing 1

Calculated MW:

314 aa, 36 kDa

Observed MW:

36-46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

DDRGK1, also name as C20orf116, is a member of the DDRGK domain-containing protein family with unknown function. Depletion of DDRGK1 inhibits cell proliferation and invasion. Expression of NF-κB target genes showed the most significant decrease after depleting of DDRGK1, suggesting that DDRGK1 may play an important role in the NF-κB signaling pathway. DDRGK1 interacts with IκBα and regulates its stability, thereby regulates the NF-κB transcriptional activity. DDRGK1 acts as an important regulator of the NF-κB pathway. (PMID: 23675531)
Catalog#21445-1-AP is a rabbit polyclonal antibody raised against the full-length of human DDRGK1.

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:

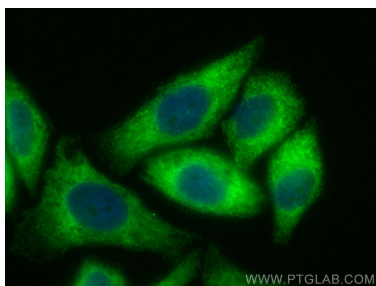
T: 4006900926

E: Proteintech-CN@ptglab.com

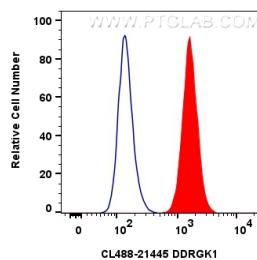
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 DDRGK1 antibody (CL488-21445) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated DDRGK1 Polyclonal antibody (CL488-21445)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).