

For Research Use Only

CoraLite® Plus 488-conjugated DGKA Polyclonal antibody



Catalog Number: CL488-11547

Featured Product

Basic Information

Catalog Number:

CL488-11547

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2075

GenBank Accession Number:

BC023523

GeneID (NCBI):

1606

UNIPROT ID:

P23743

Full Name:

diacylglycerol kinase, alpha 80kDa

Calculated MW:

735 aa, 83 kDa

Observed MW:

83 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 : Jurkat cells,

Background Information

DGKA(Diacylglycerol kinase alpha) is also named as DAGK, DAGK1 and belongs to the eukaryotic diacylglycerol kinase family, which is suggested to attenuate diacylglycerol-induced cell responses through the phosphorylation of this second messenger to phosphatidic acid. DGKA regulates the secretion of lethal exosomes bearing Fas ligand during activation-induced cell death of T lymphocytes.

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:

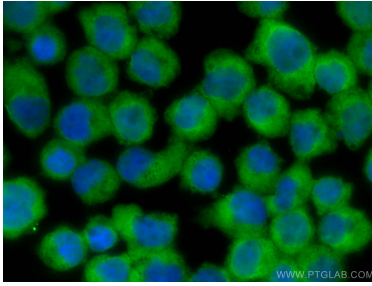
T: 4006900926

E: Proteintech-CN@ptglab.com

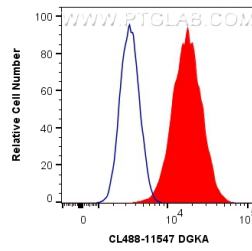
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 DGKA antibody (CL488-11547) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human DGKA (CL488-11547) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).