

For Research Use Only

CoraLite® Plus 488-conjugated DENR Polyclonal antibody

Catalog Number: CL488-10656

Featured Product



Basic Information

Catalog Number:

CL488-10656

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1023

GenBank Accession Number:

BC007860

GeneID (NCBI):

8562

UNIPROT ID:

O43583

Full Name:

density-regulated protein

Calculated MW:

27 kDa

Observed MW:

27-30 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

Positive Controls:

IF/ICC : HEK-293 cells,

Background Information

DENR, also named as SMAP-3 or DRP1, is a 198 amino acid protein, which is highly expressed in heart and skeletal muscle and moderately expressed in the brain, placenta, liver and pancreas. DENR is Up-regulated with increasing cell-density by HNRNP and Up-regulated in ovarian and breast cancer cells by ERBB2 overexpression. The calculated molecular weight of DENR is 22 kDa, but the modified protein is about 25-30 kDa. (PMID: 27239039)

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:

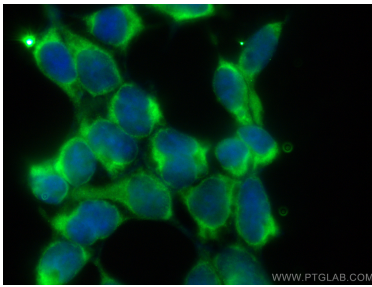
T: 4006900926

E: Proteintech-CN@ptglab.com

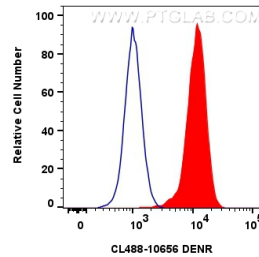
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite® Plus 488 DENR antibody (CL488-10656) at dilution of 1:200.



1x10⁶ HEK-293 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 DENR Polyclonal Antibody (CL488-10656)(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).