

For Research Use Only

CoraLite® Plus 488-conjugated PDI Recombinant monoclonal antibody

Catalog Number: CL488-80170

Featured Product



Basic Information

Catalog Number:

CL488-80170

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1747

GenBank Accession Number:

BC014504

GeneID (NCBI):

5034

UNIPROT ID:

P07237

Full Name:

prolyl 4-hydroxylase, beta polypeptide

Calculated MW:

57 kDa

Observed MW:

57 kDa

Purification Method:

Protein A purification

CloneNo.:

4K17

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: mouse lung tissue,

Background Information

PDIA1 (Protein disulfide-isomerase) is also named as ERBA2L, PDI, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources. It can exist as homodimer and monomers and homotetramers may also occur (PMID:12095988).

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

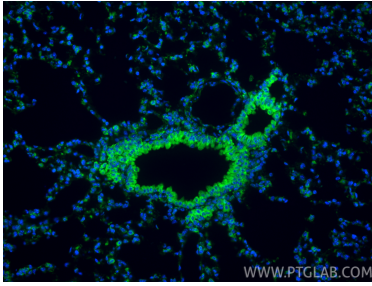
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse lung tissue using CoraLite® Plus 488 PDI antibody (CL488-80170, Clone: 4K17) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).