

For Research Use Only

CoraLite®594-conjugated HPGD Monoclonal antibody



Catalog Number:CL594-66798

Basic Information

Catalog Number:

CL594-66798

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG1499

GenBank Accession Number:

BC018986

GeneID (NCBI):

3248

UNIPROT ID:

P15428

Full Name:

hydroxyprostaglandin dehydrogenase

15-(NAD)

Calculated MW:

29 kDa

Observed MW:

25-28 kDa

Purification Method:

Protein A purification

CloneNo.:

3F1F5

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF : A549 cells,

Background Information

HPGD, also named as PGDH (15-hydroxyprostaglandin dehydrogenase), a prostaglandin-degrading enzyme that physiologically antagonizes COX-2 (PMID:15574495). HPGD inhibits in vivo proliferation of colon cancer cells (PMID:24760190). HPGD has five isoforms with the molecular mass of 29, 21, 19, 16 and 15 kDa.

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:

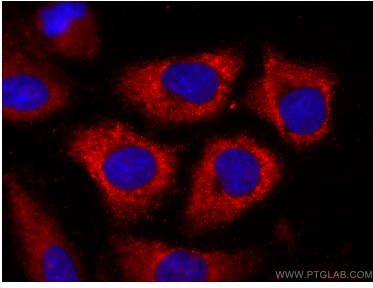
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite®594 HPGD antibody (CL594-66798, Clone: 3F1F5) at dilution of 1:200.