

For Research Use Only

CoraLite®594-conjugated HPGD Monoclonal antibody



Catalog Number:CL594-66798

Basic Information

Catalog Number: CL594-66798	GenBank Accession Number: BC018986	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3248	CloneNo.: 3F1F5
Source: Mouse	UNIPROT ID: P15428	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: hydroxyprostaglandin dehydrogenase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG1499	15-(NAD)	
	Calculated MW: 29 kDa	
	Observed MW: 25-28 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: Human	

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:

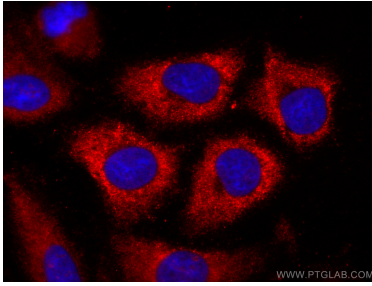
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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.