

À des fins de recherche uniquement

Anticorps Monoclonal anti-HPGD

Numéro de catalogue: 66798-1-Ig **2 Publications**



Informations de base

Numéro de catalogue: 66798-1-Ig	Numéro d'acquisition GenBank: BC018986	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3248	CloneNo.: 3F1F5
Hôte: Mouse	Nom complet: hydroxyprostaglandin dehydrogenase	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 29 kDa	
Immunogen Catalog Number: AG1499	MW observés: 25-28 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules COLO 320, cellules Caco-2, cellules HT-29, tissu de côlon humain, tissu d'intestin grêle humain

IHC : tissu de côlon humain, tissu de cancer du côlon humain, tissu de cancer du poumon humain

IF : cellules A549,

Informations générales

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

Publications notables

Autrice	Pubmed ID	Journal	Application
Altannavch Nyamsambuu	35061708	PLoS One	WB
Linchong Sun	37500770	Nat Chem Biol	WB,IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

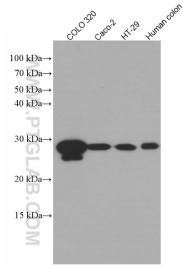
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

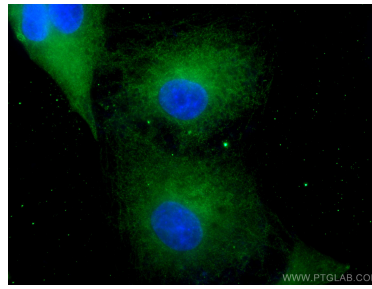
E: proteintech@ptglab.com
W: ptglab.com

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

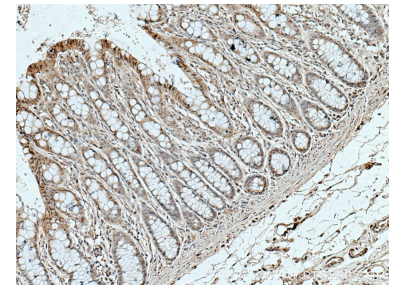
Données de validation sélectionnées



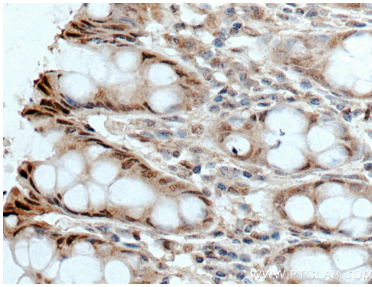
Various lysates were subjected to SDS PAGE followed by western blot with 66798-1-Ig (HPGD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



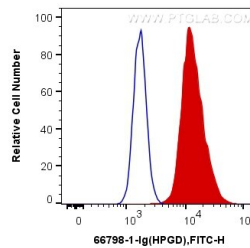
Immunofluorescent analysis of (4% PFA) fixed A549 cells using 66798-1-Ig (HPGD antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66798-1-Ig (HPGD antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66798-1-Ig (HPGD antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ A549 cells were intracellularly stained with 0.2 ug Anti-Human HPGD (66798-1-Ig, Clone:3F1F5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).