

À des fins de recherche uniquement

Anticorps Monoclonal anti-ADH1B

Numéro de catalogue: 66939-1-Ig

Phare

3 Publications



Informations de base

Numéro de catalogue: 66939-1-Ig	Numéro d'acquisition GenBank: BC033009	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 125	CloneNo.: 1F1B4
Hôte: Mouse	Nom complet: alcohol dehydrogenase 1B (class I), beta polypeptide	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:1000-1:4000 IF 1:200-1:800
Isotype: IgG2a	MW calculé 375 aa, 40 kDa	
Immunogen Catalog Number: AG10630	MW observés: 35-40 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, souris

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 L02, cellules HepG2, cellules HuH-7, cellules SMMC-7721, tissu hépatique de porc, tissu hépatique de rat

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

The ADH1B gene encodes the beta subunit of class I alcohol dehydrogenase (ADH), an enzyme that catalyzes the rate-limiting step for ethanol metabolism: the oxidation of alcohol to acetaldehyde. Class I ADH is a homo- or heterodimeric molecule, formed by the association of 3 types of class I ADH subunits, alpha (ADH1A), beta, and gamma (ADH1C). ADH1B is also named as ADH2 and belongs to the zinc-containing alcohol dehydrogenase family. This protein can exist as a homodimer (PMID:19365573).

Publications notables

Autrice	Pubmed ID	Journal	Application
Chengmao Xie	35938015	Front Genet	WB
Chi-Yao Hsueh	35198889	iScience	WB, IHC
Limin Gao	35115920	Front Pharmacol	WB

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.

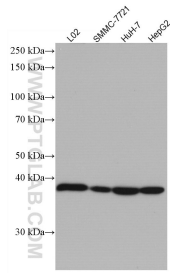
For technical support and original validation data for this product please contact:

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

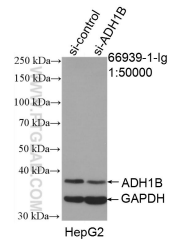
E: proteintech@ptglab.com
W: ptglab.com

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

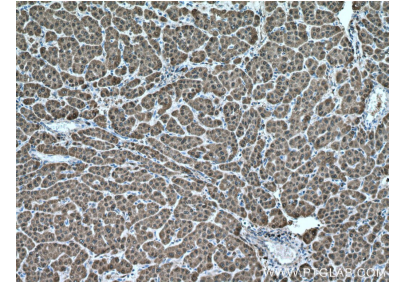
Données de validation sélectionnées



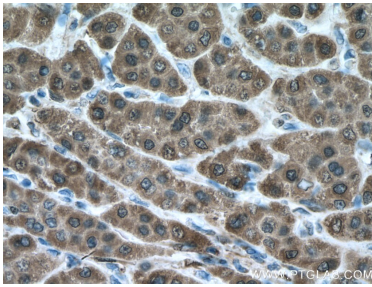
Various lysates were subjected to SDS PAGE followed by western blot with 66939-1-Ig (ADH1B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



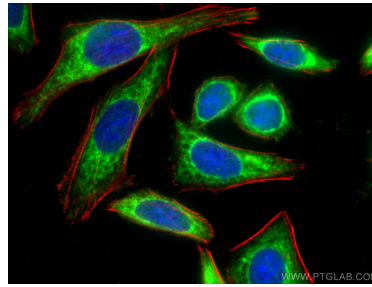
WB result of ADH1B antibody (66939-1-Ig; 1:50000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ADH1B transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66939-1-Ig (ADH1B antibody) at dilution of 1:2000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66939-1-Ig (ADH1B antibody) at dilution of 1:2000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using ADH1B antibody (66939-1-Ig, Clone: 1F1B4) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).