À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-HLA class I (HLA-B)

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:17260-1-AP 5 Publications

Informations de base

Numéro de catalogue:
17260-1-AP

Taille:
150ul , Concentration: 450 μg/ml by Nanodrop and 293 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG10947

Numéro d'acquisition GenBank:
BC013187

Identification du gène (NCBI):
3106

Nom complet:
major histocompatibility complex, class I, B

MW calculé
362 aa, 40 kDa

MW observés:
40-45 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:1000-1:4000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

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

Demandes citées:
IF, 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; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HeLa, cellules HepG2, cellules Jurkat, cellules MCF-7

IP : cellules HepG2,

IHC : tissu splénique humain, tissu cardiaque humain, tissu d'amygdalite humain, tissu de cancer de l'estomac humain, tissu ovarien humain, tissu pulmonaire humain, tissu rénal humain

IF : cellules HepG2,

Informations générales

Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I (HLA-A, B and C) and class II (HLA-D). This class I molecules are polymorphic membrane glycoproteins composed of a heavy (alpha) chain (44 kDa) which is encoded by a HLA class I gene (HLA-A, B or C), and β2-microglobulin light (beta) chain (12 kDa). They are involved in the presentation of foreign antigens to the immune system. This polyclonal antibody raised against human HLA-B can also react with HLA-A and HLA-C. (PMID: 667938; 3375250)

Publications notables

Autrice	Pubmed ID	Journal	Application
Chao Zhang	35361683	Gut	IHC
Lisa L Kirkemo	35257663	Elife	IF
Ting Li	34238922	Cell Death Dis	WB

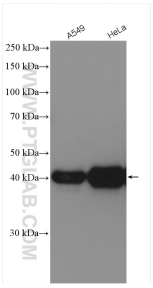
Stockage

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

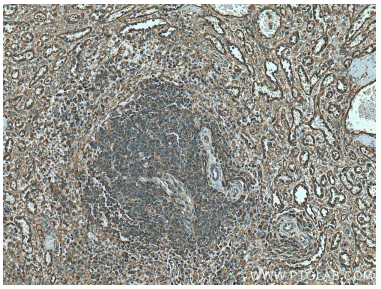
*** Les 20ul contiennent 0,1% de BSA.

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

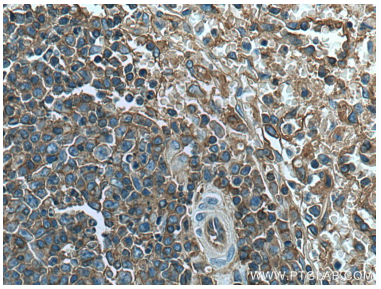
Données de validation sélectionnées



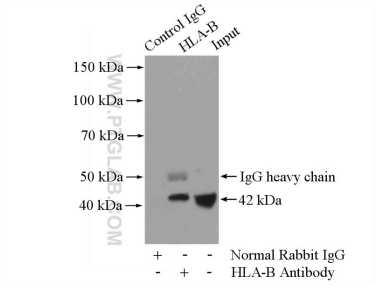
Various lysates were subjected to SDS PAGE followed by western blot with 17260-1-AP (HLA class I (HLA-B) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



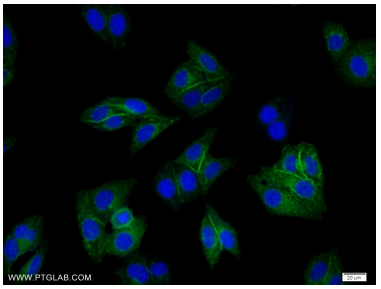
Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 17260-1-AP (HLA class I (HLA-B) antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 17260-1-AP (HLA class I (HLA-B) antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-HLA class I (HLA-B) (IP:17260-1-AP, 4ug; Detection:17260-1-AP 1:2000) with HepG2 cells lysate 4000ug.



Immunofluorescent analysis of HepG2 cells using 17260-1-AP (HLA class I (HLA-B) antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).