Nur für Forschungszwecke

HLA class I ABC Polyklonaler Antikörper

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Antibodies | ELISA kits | Proteins
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Katalog-Nr.:15240-1-AP 30 Publikationen

Allgemeine Informationen

Katalog-Nr.:
15240-1-AP

Größe:
150ul , Konzentration: 900 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG7370

GenBank-Zugangsnummer:
BC003069

GeneID (NCBI):
3105

Vollständiger Name:
major histocompatibility complex, class I, A

Berechneté Masse:
41 kDa

Beobachteté Masse:
44 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:2000-1:12000
IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB
IHC 1:500-1:2000
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, RIP, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : A549-Zellen, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen

IP : HepG2-Zellen,

IHC : humanes Tonsillitisgewebe, humanes Magenkrebsgewebe

IF : HepG2-Zellen,

Hintergrundinformationen

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. (PMID: 667938; 3375250)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zachary C Dobbin	25209969	Oncotarget	IHC
Tianxiao Xu	34571002	J Invest Dermatol	WB
Rupert L Mayer	36241641	Nat Commun	WB

Lagerung

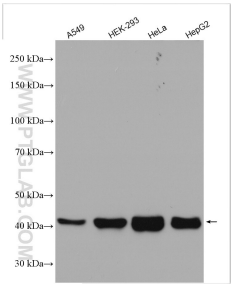
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

*** 20ul-Größen enthalten 0.1% BSA

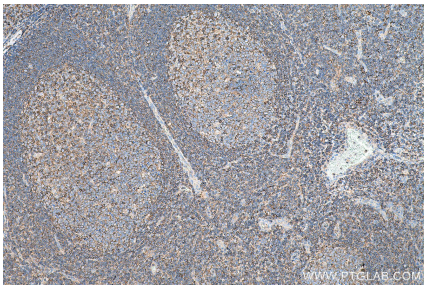
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

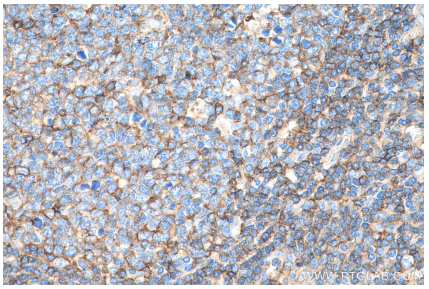
Ausgewählte Validierungsdaten



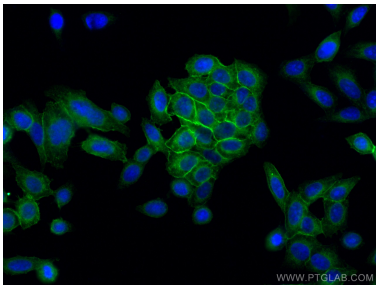
Various lysates were subjected to SDS PAGE followed by western blot with 15240-1-AP (HLA class I ABC antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



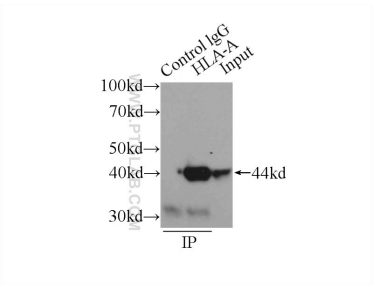
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15240-1-AP (HLA class I ABC antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



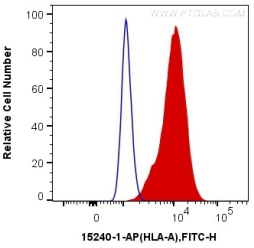
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15240-1-AP (HLA class I ABC antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using HLA class I ABC antibody (15240-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-HLA class I ABC (IP:15240-1-AP, 3ug; Detection:15240-1-AP 1:500) with HepG2 cells lysate 1720ug.



1X10^6 HepG2 cells were surface stained with 0.4 ug Anti-Human HLA class I ABC (15240-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were not fixed .