

Nur für Forschungszwecke

Beta-2-Microglobulin Polyklonaler Antikörper



Katalog-Nr.:13511-1-AP

12 Publikationen

Allgemeine Informationen

Katalog-Nr.:

13511-1-AP

Größe:

150ul , Konzentration: 750 µg/ml von

Nanodrop;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG4433

GenBank-Zugangsnummer:

BC032589

GeneID (NCBI):

567

Vollständiger Name:

beta-2-microglobulin

Berechnete Masse:

119 aa, 14 kDa

Beobachtete Masse:

12-14 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:16000

IP 0.5-4.0 ug für IP und 1:500-1:1000

für WB

IHC 1:2000-1:8000

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Ratte

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

Positivkontrollen:

WB : A431-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Herzgewebe, humanes Magengewebe, Jurkat-Zellen, Mauslungengewebe, Mausmilzgewebe, Raji-Zellen, Rattenlungengewebe, Rattenmilzgewebe

IP : A431-Zellen,

IHC : humanes Tonsillitgewebe, humanes Leberkarzinomgewebe, humanes Ösophaguskarzinomgewebe, humanes Prostatakarzinomgewebe, Mauslungengewebe

IF : A431-Zellen,

Hintergrundinformationen

Beta-2-microglobulin (B2M) is a component of MHC class I molecules, which are present on the surface of nearly all nucleated cells. It can be found in body fluids under physiologic conditions as a result of shedding from cell surfaces or intracellular release. B2M has various biological functions, including antigen presentation. Investigations reveal that increased synthesis and release of B2M are present in several malignant diseases.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuan Wang	32524001	Sci Adv	IF
Feng Tang	33960680	CNS Neurosci Ther	IF
Yu Zhao	34115389	Immunology	WB,IHC

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

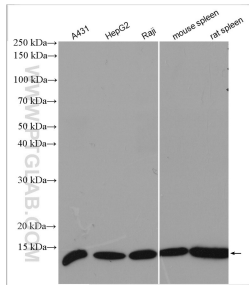
For technical support and original validation data for this product please contact:

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

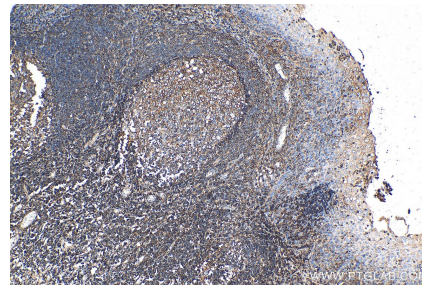
E: proteintech@ptglab.com
W: ptglab.com

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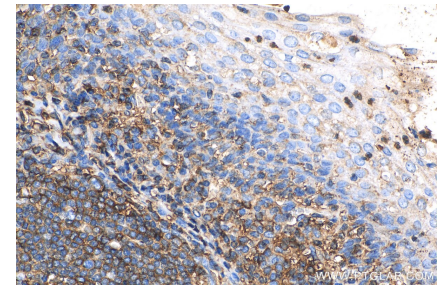
Ausgewählte Validierungsdaten



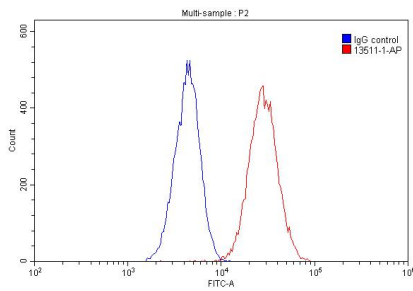
Various lysates were subjected to SDS PAGE followed by western blot with 13511-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



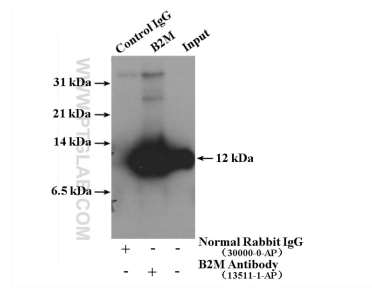
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13511-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



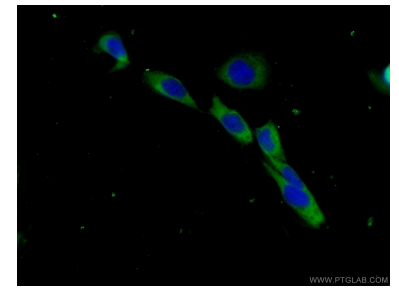
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13511-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ HeLa cells were stained with 0.20ug Beta-2-microglobulin antibody (13511-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.



IP result of anti-Beta-2-microglobulin (IP:13511-1-AP, 4ug; Detection:13511-1-AP 1:600) with A431 cells lysate 2280 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 13511-1-AP (Beta-2-microglobulin antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).