

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Beta-2-Microglobulin



Numéro de catalogue: 13511-1-AP

12 Publications

Informations de base

Numéro de catalogue:

13511-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4433

Numéro d'acquisition GenBank:

BC032589

Identification du gène (NCBI):

567

Nom complet:

beta-2-microglobulin

MW calculé

119 aa, 14 kDa

MW observés:

12-14 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:8000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:2000-1:8000

IF 1:375-1:1500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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 A431, cellules HeLa, cellules HepG2, cellules Jurkat, cellules Raji, tissu cardiaque humain, tissu d'estomac humain, tissu pulmonaire de rat, tissu pulmonaire de souris, tissu splénique de rat, tissu splénique de souris

IP : cellules A431,

IHC : tissu d'amygdalite humaine, tissu de cancer de la prostate humaine, tissu de cancer de l'oesophage humaine, tissu de cancer du foie humaine, tissu pulmonaire de souris

IF : cellules A431,

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yuan Wang	32524001	Sci Adv	IF
Feng Tang	33960680	CNS Neurosci Ther	IF
Yu Zhao	34115389	Immunology	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.

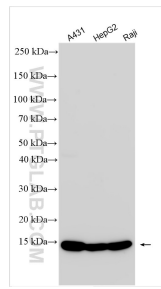
For technical support and original validation data for this product please contact:

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

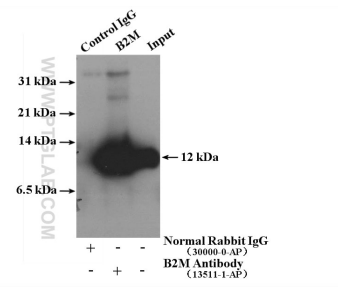
E: proteintech@ptglab.com
W: ptglab.com

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

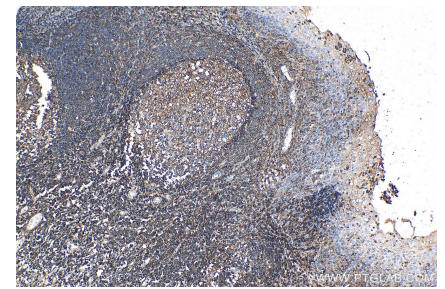
Données de validation sélectionnées



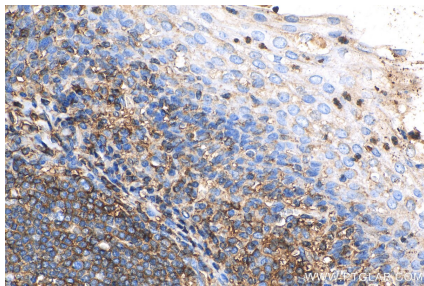
Various lysates were subjected to SDS PAGE followed by western blot with 13511-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



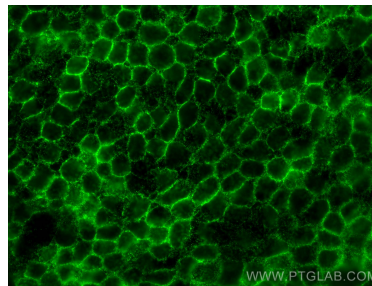
IP result of anti-Beta-2-microglobulin (IP:13511-1-AP, 4ug; Detection:13511-1-AP 1:600) with A431 cells lysate 2280 ug.



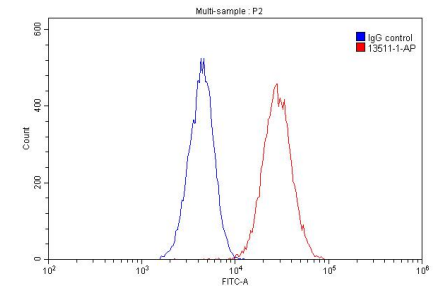
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13511-1-AP (Beta-2-Microglobulin antibody) at dilution of 1:4000 (under 10x Lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Immunofluorescent analysis of A431 cells using Beta-2-Microglobulin antibody (13511-1-AP) at dilution of 1:750 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 HeLa cells were stained with 0.20ug Beta-2-microglobulin antibody (13511-1-AP, red) and control antibody (blue). Fixed with 90% MeOH.