

CD11c/Integrin alpha X Polyclonal ANTIBODY

Catalog Number: 17342-1-AP

9 Publications

Basic Information

Catalog Number:
17342-1-AP

Size:
30 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG11380

GenBank Accession Number:
BC038237

GeneID (NCBI):
3687

Full Name:
integrin, alpha X (complement component 3
receptor 4 subunit)

Calculated MW:
1169aa, 129 kDa

Observed MW:
150 kDa

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:
FC, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human

Cited Species:
human, mouse

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

WB : human blood tissue;

IHC : human tonsillitis tissue; human spleen tissue

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits. CD11c/Integrin alpha X is a 145-150 kDa type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, NK cells and dendritic cells. Integrin alpha Xbeta 2 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis.

Notable Publications

Author	Pubmed ID	Journal	Application
Chia-Chien Hsieh	29042292	Food Chem Toxicol	IHC
Xiong Zheng	29028547	Int Immunopharmacol	IHC
E Vianello	26841679	Nutr Metab Cardiovasc Dis	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

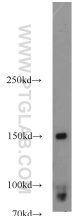
For technical support and original validation data for this product please contact:

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

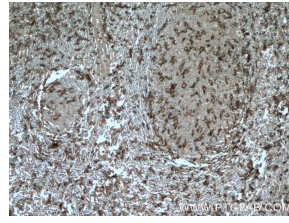
E: proteintech@ptglab.com
W: ptglab.com

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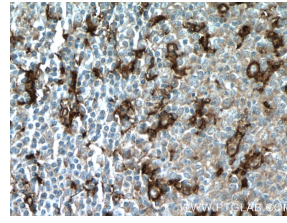
Selected Validation Data



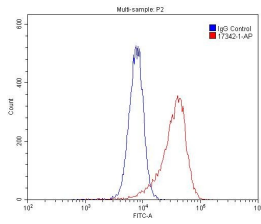
human blood tissue were subjected to SDS PAGE followed by western blot with 17342-1-AP(IntGAX antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17342-1-AP/CD11c/Integrin alpha X Antibody) at dilution of 1:200 (under 10x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17342-1-AP/CD11c/Integrin alpha X Antibody) at dilution of 1:200 (under 40x lens), heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



1X10⁶ HL-60 cells were stained with 0.2ug CD11c/Integrin alpha X antibody (17342-1-AP red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.