

For Research Use Only

CD11c/Integrin Alpha X Polyclonal antibody

Catalog Number: 17342-1-AP

64 Publications



Basic Information

Catalog Number: 17342-1-AP	GenBank Accession Number: BC038237	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 3687	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000
Source: Rabbit	ENSEMBL Gene ID: ENSG00000140678	
Isotype: IgG	UNIPROT ID: P20702	
Immunogen Catalog Number: AG11380	Full Name: integrin, alpha X (complement component 3 receptor 4 subunit)	
	Calculated MW: 1169 aa, 129 kDa	
	Observed MW: 140-150 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : THP-1 cells, human plasma IHC : human tonsillitis tissue,
Cited Applications: WB, IHC, IF	
Species Specificity: human	
Cited Species: human, pig	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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 X/beta 2 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis.

Notable Publications

Author	Pubmed ID	Journal	Application
Hao Zhang	36093059	iScience	IF
Haoran Wang	35087966	Bioact Mater	FC
Ryutaro Hara	33178566	Asia Pac Allergy	IHC,IF

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

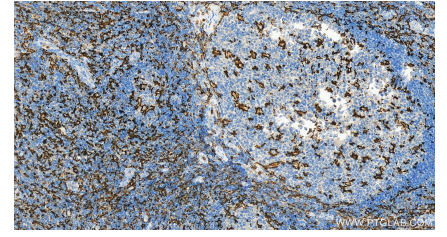
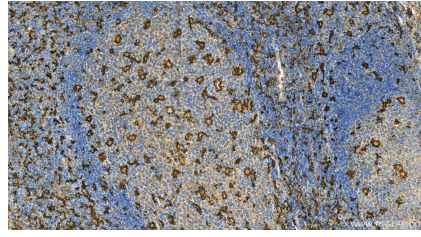
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Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 17342-1-AP (CD11c/Integrin Alpha X antibody) at dilution of 1:3000 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 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17342-1-AP (CD11c/Integrin Alpha X antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).