

For Research Use Only

CoraLite®594-conjugated CD11c/Integrin alpha X Recombinant antibody

Catalog Number: CL594-81853



Basic Information

Catalog Number: CL594-81853	GenBank Accession Number: BC038237	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3687	CloneNo.: 5017
Source: Rabbit	ENSEMBL Gene ID: ENSG00000140678	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG	UNIPROT ID: P20702	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG11380	Full Name: integrin, alpha X (complement component 3 receptor 4 subunit)	
	Calculated MW: 1169 aa, 129 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human tonsillitis tissue,
Species Specificity: human	

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11c, also known as integrin αX , is a type I transmembrane glycoprotein present on a variety of cells, including monocytes/macrophages, granulocytes, a subset of B cells, NK cells and dendritic cells (PMID: 2897326; 1680915; 1694698; 17389580). As a result of its high level of expression on most dendritic cells, CD11c is typically considered to be a marker of conventional dendritic cells (PMID: 27119555). CD11c forms an α/β heterodimer with CD18 (integrin $\beta 2$). CD11c/CD18 acts a receptor for fibrinogen and is important in monocyte adhesion and chemotaxis (PMID: 1671533).

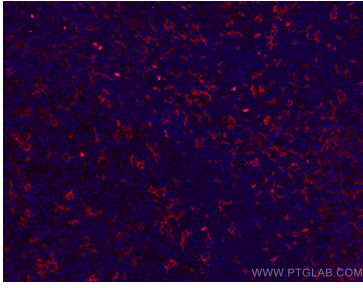
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, 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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using CoraLite®594 CD11c/Integrin alpha X antibody (CL594-81853, Clone: 5O17) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).