

CoraLite® Plus 488-conjugated CD11c/Integrin Alpha X Monoclonal antibody

Catalog Number: **CL488-60258****1 Publications**

Basic Information

Catalog Number: CL488-60258	GenBank Accession Number: BC038237	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3687	CloneNo.: 2F1C10
Source: Mouse	ENSEMBL Gene ID: ENSG00000140678	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	UNIPROT ID: P20702	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG11350	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 : human tonsillitis tissue,
Cited Applications: IF	
Species Specificity: human	

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. And this antibody is CL488(Ex/Em 488 nm/515 nm) conjugated.

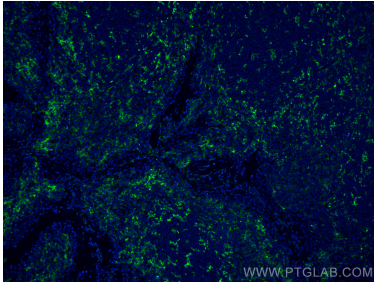
Notable Publications

Author	Pubmed ID	Journal	Application
Kirsten M Reeves	34615724	Clin Cancer Res	IF

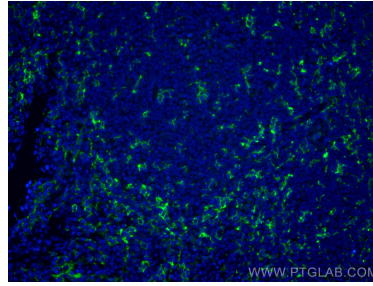
Storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CoraLite® Plus 488 CD11c/Integrin Alpha X antibody (CL488-60258, Clone: 2F1C10) at dilution of 1:200.



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