

For Research Use Only

CoraLite® Plus 488-conjugated CD11c Monoclonal antibody

Catalog Number: CL488-60258

3 Publications



Basic Information

Catalog Number:

CL488-60258

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG11350

GenBank Accession Number:

BC038237

GeneID (NCBI):

3687

ENSEMBL Gene ID:

ENSG00000140678

UNIPROT ID:

P20702

Full Name:

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

Calculated MW:

1169 aa, 129 kDa

Purification Method:

Protein A purification

CloneNo.:

2F1C10

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

human

Cited Species:

human

Positive Controls:

IF-P: human tonsillitis 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 X/beta 2 acts as 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
JinYing Xiang	38664707	Respir Res	IF
Yan Li	38472395	Inflamm 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

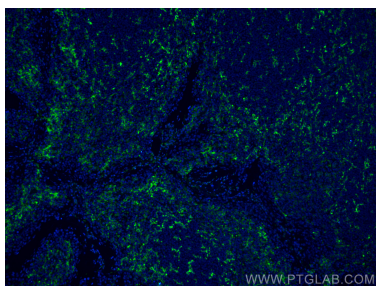
T: 4006900926

E: Proteintech-CN@ptglab.com

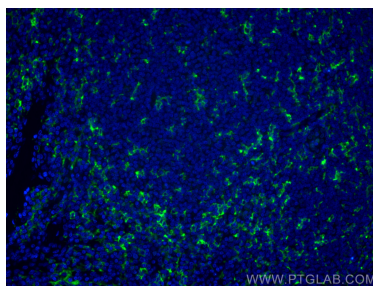
W: ptgcn.com

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 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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