For Research Use Only

CoraLite® Plus 555 Anti-Human CD11b (ICRF44)



Catalog Number: CL555-65116

Basic Information

Catalog Number:

CL555-65116

Size:

100tests, 5 μ l/test

Source: Mouse Isotype:

IgG1, kappa

G1, kappa

integrin, alpha M (complement component 3 receptor 3 subunit)

GenBank Accession Number:

BC096346

3684

GeneID (NCBI):

ENSEMBL Gene ID:

ENSG00000169896

UNIPROT ID:

P11215 Full Name:

Calculated MW: 1152 aa, 127 kDa Purification Method:

Affinity purification

CloneNo.: ICRF44

Excitation/Emission maxima wavelengths:

wavelengths: 554 nm / 570 nm

Applications

Tested Applications:

FC

Species Specificity:

Human

Background Information

Integrins are cell adhesion receptors that are heterodimers composed of non-covalently associated α and β subunits (PMID: 9779984). CD11b, also known as Integrin alpha M or CR3A, belongs to the integrin alpha chain family. CD11b forms an α / β heterodimer with CD18 (integrin β 2). CD11b/CD18 is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens (PMID: 9558116; 20008295). CD11b/CD18 is a receptor for the complement protein fragment iC3b, and is also a receptor for fibrinogen, factor X and ICAM1 (PMID: 2971974; 15485828).

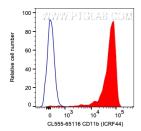
Storage

Storage:

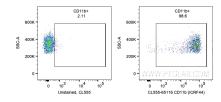
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1X10^6 human PBMCs were surface stained with 5 ul Coralite® Plus 555 Anti-Human CD11b (CL555-65116, Clone:ICRF44) (red) or unstained. Cells were not fixed. Monocytes were gated.



1X10^6 human PBMCs were surface stained with 5 ul Coralite® Plus 555 Anti-Human CD11b (CL555-65116, Clone:ICRF44) or unstained. Cells were not fixed. Monocytes were gated.