For Research Use Only

CoraLite® Plus 555 Anti-Human CD11a (TS2/4)



Catalog Number: CL555-65194

Basic Information

Catalog Number:

CL555-65194

Size:

100tests, 5 μ l/test

Source: Mouse Isotype: IgG1, kappa GenBank Accession Number:

BC008777 GeneID (NCBI):

3683

ENSEMBL Gene ID: ENSG0000005844 UNIPROT ID:

P20701 Full Name:

integrin, alpha L (antigen CD11A (p180), lymphocyte functionassociated antigen 1; alpha

polypeptide)
Calculated MW:
129 kDa

Purification Method:

 $Protein\,G\,purification$

CloneNo.: TS2/4

Excitation/Emission maxima

wavelengths: 554 nm / 570 nm

Applications

Tested Applications:

Species Specificity:

Human

FC

Background Information

CD11a, also known as integrin $\,^{\alpha}$ L or LFA-1 $\,^{\alpha}$, is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1), ICAM-2, and ICAM-3 (PMID: 7479767). CD11a/CD18 also functions in lymphocyte costimulatory signaling (PMID: 1972160).

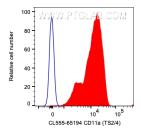
Storage

Storage:

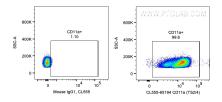
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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 CD11a (CL555-65194, Clone:TS2/4) (red) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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