

For Research Use Only

CoraLite®488-conjugated Anti-Mouse CD54 (YN1/1.7.4)



Catalog Number: CL488-65066

Basic Information

Catalog Number:

CL488-65066

Size:

100tests , 5 µl/test

Source:

Rat

Isotype:

IgG2b

GenBank Accession Number:

BC008626

GeneID (NCBI):

15894

Full Name:

intercellular adhesion molecule 1

Purification Method:

Affinity purification

CloneNo.:

YN1/1.7.4

Excitation/Emission maxima

wavelengths:

488 nm/515 nm

Applications

Tested Applications:

FC

Species Specificity:

Mouse

Background Information

ICAM-1 (CD54) is a 90-kDa transmembrane glycoprotein of the immunoglobulin superfamily and is critical for the firm attachment and transmigration of leukocytes out of blood vessels and into tissues (PMID: 19307690). ICAM-1 is expressed by several cell types, typically on endothelial cells and cells of the immune system, and its expression can be up-regulated by various stimuli, including TNF- α , INF- γ , IL-1 and thrombin (PMID: 3086451; 9694714; 15979056). It is a ligand for LFA-1 and Mac-1, serves as a receptor for rhinovirus, and is one of several receptors used by Plasmodium falciparum (PMID: 2566624; 2538244; 2475784).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light.

Storage Buffer:

PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

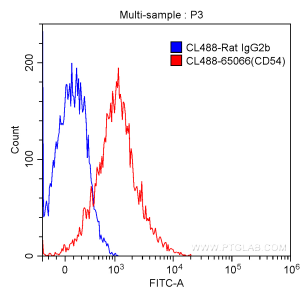
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 5.00 ul CoraLite®488-conjugated Anti-Mouse CD54 (CL488-65066, Clone: YN1/1.7.4) (red) or isotype control antibody (blue). Samples were not fixed.