

For Research Use Only

Anti-Mouse ICAM-1/CD54 (YN1/1.7.4)

Catalog Number: 65066-1-Ig



Basic Information

Catalog Number: 65066-1-Ig	GenBank Accession Number: BC008626	Purification Method: Affinity purification
Size: 500ug , 0.5 mg/ml	GeneID (NCBI): 15894	CloneNo.: YN1/1.7.4
Source: Rat	UNIPROT ID: P13597	
Isotype: IgG2b, kappa	Full Name: intercellular adhesion molecule 1	

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

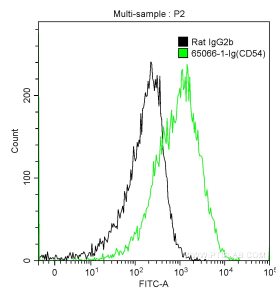
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
Borate buffered saline, pH 8.2.

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)
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Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD54 (65066-1-Ig, Clone: YN1/1.7.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:200 (green), or stained with 0.5 ug Rat IgG2b Isotype Control and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:200 (black). Cells were not fixed.