

For Research Use Only

Anti-Human CD54 (ICAM-1) (15.2), PBS Only



Catalog Number: 65075-1-PBS

Basic Information

Catalog Number: 65075-1-PBS	GenBank Accession Number: BC015969	Purification Method: Affinity purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 3383	CloneNo.: 15.2
Source: Mouse	ENSEMBL Gene ID: ENSG00000090339	
Isotype: IgG1, kappa	UNIPROT ID: P05362	
	Full Name: intercellular adhesion molecule 1	
	Calculated MW: 90 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
Human

Product Information

65075-1-PBS targets CD54 (ICAM-1) as part of a matched antibody pair.

MP50085-1: 65075-1-PBS capture and 68693-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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 -80°C.

Storage Buffer:
PBS Only

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