

30-1069: Anti-CD102 / ICAM-2 Monoclonal Antibody (Clone:CBR-IC2/2)

Clonality :	Monoclonal
Clone Name :	CBR-IC2/2
Application :	FACS, IP, IHC-Fr, Functional Assay
Reactivity :	Human
Gene :	ICAM2
Gene ID :	3384
Uniprot ID :	P13598
Format :	Purified
Alternative Name :	ICAM2
Isotype :	Mouse IgG2a
Immunogen Information :	Human CD102 cDNA transfected COS cells

Description

CD102 / ICAM-2 (intracellular cell adhesion molecule-2), a counter receptor of LFA-1 (CD11a/CD18), is a transmembrane glycoprotein with two extracellular IgC-like domains and intracellular C-terminal tail. It is involved in lymphocyte recirculation and homing to the sites of inflammation. Through interaction with integrins it provides to the immune cells costimulatory signals. Expression of CD102 on blood cells (lymphocytes, monocytes, thrombocytes) is lower than on endothelium and follicular dendritic cells. CD102 levels are upregulated in lymph nodes with malignant infiltration.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Immunoprecipitation Immunohistochemistry (frozen sections) Functional Application blocking