



Anti-ICAM3 monoclonal antibody, clone JDBN-4.4 (DCABY-4185)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Intercellular adhesion molecule 3 (ICAM-3), also known as CD50, is a member of the immunoglobulin superfamily, binds the leukocyte integrins LFA-1 (CD11a/CD18) and alphad/beta2. ICAM-3 is expressed on leukocytes and epidermal Langerhans cells.
Specificity	Detects human ICAM-3/CD50 in ELISAs and Western blots. ICAM-3/CD50 was found not to recognize COS cells expressing the human ICAM-1 protein. The epitope for ICAM-3/CD50 has been found to be located on domain 1, or the interface between domains 1 and 2 of the human ICAM-3/CD50 molecule.
Immunogen	Recombinant human ICAM-3 Fc Chimera
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	JDBN-4.4
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, Flow Cytometry, Immunocytochemistry, ELISA Capture (Matched Pair), Immunoprecipitation
Format	Liquid
Size	200 µg
Buffer	Lyophilized. Contains 0.02% w/v sodium azide.

Preservative	0.02% Sodium Azide
Storage	Lyophilized samples are stable for greater than six months when held at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 to 4 °C for at least 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C for at least six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	ICAM3 intercellular adhesion molecule 3 [Homo sapiens (human)]
Official Symbol	ICAM3
Synonyms	ICAM3; intercellular adhesion molecule 3; CD50; CDW50; ICAM-R; ICAM-3; intercellular adhesion molecule-3;
Entrez Gene ID	3385
Protein Refseq	NP_002153
UniProt ID	A0A024R7C1
Chromosome Location	19p13.3-p13.2
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Extracellular matrix organization; IL-5 Signaling Pathway; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Integrin cell surface interactions;
Function	integrin binding; protein binding; receptor binding;