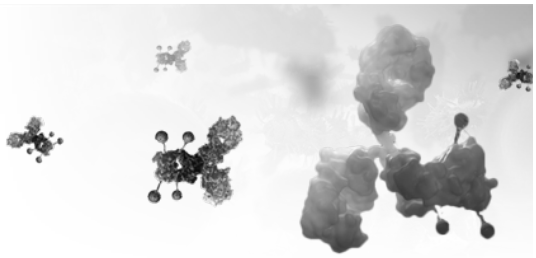

Anti-ICAM1 polyclonal antibody [Biotin] (DPABY-483)

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

PRODUCT INFORMATION

Antigen Description	Intercellular adhesion molecule 1 (ICAM-1), also known as CD54, binds the leukocyte integrins LFA-1 and Mac-1. ICAM-1 expression is weak on leukocytes, epithelial and resting endothelial cells, as well as some other cell types, but expression can be stimulated by IFN-gamma, TNF-alpha, IL-1 beta and LPS. Soluble ICAM-1 is found in a biologically active form in serum, probably as a result of proteolytic cleavage from the cell surface.
Specificity	Detects mouse ICAM-1/CD54 in ELISAs and Western blots. In sandwich ELISAs, less than 0.3%cross-reactivity with recombinant human ICAM-1, recombinant rat ICAM-1, and recombinant mouse ICAM-2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse ICAM-1/CD54. Gln28-Asn485 Accession Number Q3U8M7
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Icam1 intercellular adhesion molecule 1 [Mus musculus (house mouse)]
Official Symbol	ICAM1
Synonyms	ICAM1; intercellular adhesion molecule 1; CD54; Ly-47; Icam-1; MALA-2; myD10;
Entrez Gene ID	15894
Protein Refseq	NP_034623
UniProt ID	P13597
Chromosome Location	9 A3; 9 7.69 cM
Pathway	Adaptive Immune System; African trypanosomiasis; Cell adhesion molecules (CAMs); Cytokine Signaling in Immune system; Epstein-Barr virus infection; Extracellular matrix organization; HTLV-I infection; IL-2 Signaling Pathway;
Function	integrin binding; protein complex binding;

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