

Product datasheet for **AP26388BT-N**

ICAM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on frozen sections. Immunoprecipitation. Western blot. Immunoassay. The typical starting working dilution for Immunohistology and Western blot is 1:10. For selection of the most useful dilution in a given situation a test staining with cells or tissue known to express the antigen should be performed. To this end a small fresh skin biopsy can be incubated for 4 hours with TNF-alpha (1 ng/ml), IL-1 (100 U/ml) or LPS (1 µg/ml) in tissue culture medium at 37°C.
Reactivity:	Human, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	The antibody reacts with both intact human ICAM-1, CD54 and with soluble human ICAM-1.
Formulation:	PBS Label: Biotin State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein A
Conjugation:	Biotin
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	intercellular adhesion molecule 1
Database Link:	Entrez Gene 3383 Human P05362



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Background: ICAM-1 (intercellular adhesion molecule) has 7 potential N-linked glycosylation sites. It is a single chain glycoprotein of Ig supergene family, present on unstimulated endothelial cells (EC) and on a variety of other cell types including activated fibroblasts, EC, macrophages, and lymphocytes. ICAM-1 mediates cell adhesion by binding to integrins CD11a/CD18 (leukocyte adhesion molecule, LFA-1) and to CD11b/CD18 (Mac-1).

Synonyms: ICAM-1