

Icam1 monoclonal antibody, clone YN1/1.7.4 (Biotin)

Catalog # MAB5946

Size 500 ug

Specification

Product Description	Rat monoclonal antibody raised against native Icam1.
Immunogen	Mouse myeloma (NS-1 cells).
Host	Rat
Reactivity	Mouse
Specificity	Specificity Mouse CD54/ICAM-1, Mr 95 KDa
Form	Liquid
Conjugation	Biotin
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (1 ug/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

Gene Info — Icam1

Entrez GeneID	15894
Gene Name	Icam1
Gene Alias	CD54, Icam-1, Ly-47, MALA-2, MGC6195
Gene Description	intercellular adhesion molecule 1
Gene Ontology	Hyperlink
Other Designations	intercellular adhesion molecule

Publication Reference

- [Ultrasound Molecular Imaging of Atherosclerosis for Early Diagnosis and Therapeutic Evaluation through Leucocyte-like Multiple Targeted Microbubbles.](#)

Yan F, Sun Y, Mao Y, Wu M, Deng Z, Li S, Liu X, Xue L, Zheng H.

Theranostics 2018 Feb; 8(7):1879.

Application: WB-Ti, Mouse, Aorta

- [Inhibition of cell adhesion by microspheres coated with recombinant soluble intercellular adhesion molecule-1.](#)

Welder CA, Lee DH, Takei F.

Journal of Immunology 1993 Mar; 150(6):2203.

- [Molecular cloning of murine intercellular adhesion molecule \(ICAM-1\).](#)

Horley KJ, Carpenito C, Baker B, Takei F.

The EMBO Journal 1989 Oct; 8(10):2889.

Application: Flow Cyt, Func, Monkey, COS-1 cells

- [Inhibition of mixed lymphocyte response by a rat monoclonal antibody to a novel murine lymphocyte activation antigen \(MALA-2\).](#)

Takei F.

Journal of Immunology 1985 Mar; 134(3):1403.

Application: Flow Cyt, Mouse, Mouse lymphoid cells