

产品说明书

ICAM1 Rabbit mAb (H0931)

货号: HL23089

产品名称	ICAM1 Rabbit mAb (H0931)
来源宿主	Rabbit
反应种属	Human
克隆类型	Rabbit monoclonal
克隆号	H0931
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4), 50% Glycerol, 0.05% BSA, 0.05% Proclin 300
存储方式	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.
应用	WB, IHC, mIHC, IF
使用方法	IHC 1:1000-1:5000; mIHC 1:1000-1:5000; WB 1:1000-1:3000; IF 1:200-1:1000
有效期	one year
别名	ICAM-1; CD54; Intercellular adhesion molecule 1; Major group rhinovirus receptor
SwissProt	P05362 Human
细胞定位	Membrane.
分子量	Predicted band size: 58 kDa Observed band size: 110 kDa
产品介绍	ICAM-1 (Intercellular Adhesion Molecule 1) also known as CD54 (Cluster of Differentiation 54) is a protein that in humans is encoded by the ICAM1 gene. This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by rhinovirus as a receptor for entry into respiratory epithelium. The protein encoded by this gene is a type of intercellular adhesion molecule continuously present in low concentrations in the membranes of leukocytes and endothelial cells. Upon cytokine stimulation, the concentrations greatly increase. ICAM-1 can be induced by interleukin-1 (IL-1) and tumor necrosis factor (TNF) and is expressed by the vascular endothelium, macrophages, and lymphocytes. ICAM-1 is a ligand for LFA-1 (integrin), a receptor found on leukocytes. When activated, leukocytes bind to endothelial cells via ICAM-1/LFA-1 and then transmigrate into tissues. LFA-1 has also been found in a soluble form, which seems to bind and block ICAM-1.

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