

ICAM1

Mouse Anti-Human ICAM1/CD54 (Clone B-H22) Biotin Detection mAb

Catalog No.	CDM421	Quantity:	100 µg
Alternate Names:	ICAM-1; BB2; CD54; P3.58		
Description:	Intercellular adhesion molecule 1 (ICAM1) 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.		
Concentration:	0.1 mg / 1.0 ml		
Gene ID:	3383		
Specificity:	Recognizes the Intercellular Adhesion Molecule-1 (ICAM-1), a 75-115 kDa protein		
Host:	Mouse		
Immunogen:	Activated human umbilical vein endothelial cells (HUVEC)		
Isotype:	IgG1		
Clone:	B-H22		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Phosphate-buffered saline. With 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Ion exchange chromatography		
Applications:	ELISA Detection Antibody. This antibody can be used as a Detection Antibody in a human ICAM1 sandwich immunoassay to detect human ICAM1 in combination with human ICAM1 Capture Antibody (Cat No CDM045). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.05-0.5 µg/ml		
Storage & Stability:	Store at 2-8°C for 12 months. For longer storage, freeze aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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