

Mouse Anti-CD54 [23G12]: MC0518

Intended Use: For Research Use Only

Description: 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).

Specifications:

Clone: 23G12
Source: Mouse
Isotype: IgG1
Reactivity: Human
Localization: Membrane
Formulation: Purified ascites in PBS pH7.4, containing BSA, glycerol, and ≤0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
CD54 Concentrated	MC0518	1 ml

IHC Procedure*:

Positive Control Tissue: Tonsil
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.