

CD54 (Clone 23G12) Mouse Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: Recombinant protein encoding part of the external domain of human CD54

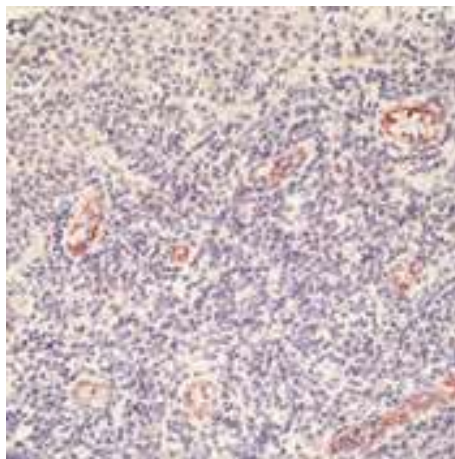
Ig Class: IgG₁

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:10-20. *Positive Control:* Tonsil. *Cellular Localization:* Cell membrane. *Intended Use:* analyte specific reagent (ASR).

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).

Supplied As: Tissue culture supernatant in 0.2% BSA and 15mM sodium azide.



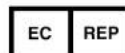
Formalin-fixed, paraffin-embedded human tonsil stained with anti-CD54 antibody using peroxidase-conjugate and AEC chromogen. Note the cytoplasmic staining of endothelial cells

Cat. #Z2081 (1.0 ml)

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