# Anti-ICAM1 [BU74]

**Catalogue number:** 151490
**Sub-type:**
**Images:**

## Contributor

**Inventor:**
**Institute:** University of Birmingham
**Images:**

## Tool details

***FOR RESEARCH USE ONLY**

**Name:** Anti-ICAM1 [BU74]

**Alternate name:** Intercellular Adhesion Molecule 1; Major Group Rhinovirus Receptor; ICAM-1; Cell Surface Glycoprotein P3.58; Human Rhinovirus Receptor; P3.58; CD54; BB2



**Class:** Monoclonal
**Conjugate:** Unconjugated
**Description:** ICAMs are members of the immunoglobulin superfamily that is characterised by the presence of immunoglobulin-like domains. ICAM-1 is expressed in haemopoietic cells and vascular endothelium. Cytokine activation causes ICAM-1 expression in other cell types such as fibroblasts and keratinocytes. ICAM-1 is involved in leukocyte recruitment and inflammation. ICAM-1 binds LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18).
**Purpose:**
**Parental cell:**
**Organism:**
**Tissue:**
**Model:**
**Gender:**
**Isotype:** IgM
**Reactivity:** Human
**Selectivity:**
**Host:** Mouse
**Immunogen:**
**Immunogen UNIPROT ID:**
**Sequence:**
**Growth properties:**
**Production details:**
**Formulation:**

**Recommended controls:**
**Bacterial resistance:**
**Selectable markers:**
**Additional notes:**

## Target details

**Target:** ICAM1 (CD54)

**Target alternate names:**

**Target background:** ICAMs are members of the immunoglobulin superfamily that is characterised by the presence of immunoglobulin-like domains. ICAM-1 is expressed in haemopoietic cells and vascular endothelium. Cytokine activation causes ICAM-1 expression in other cell types such as fibroblasts and keratinocytes. ICAM-1 is involved in leukocyte recruitment and inflammation. ICAM-1 binds LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18).

**Molecular weight:**

**Ic50:**



## Applications

**Application:** FACS ; IHC ; IP
**Application notes:**

## Handling

**Format:** Liquid
**Concentration:** 0.9-1.1mg/ml
**Passage number:**
**Growth medium:**
**Temperature:**
**Atmosphere:**
**Volume:**
**Storage medium:**
**Storage buffer:** PBS with 0.02% azide
**Storage conditions:** -15° C to -25° C
**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Mason DY. Leucocyte Typing VII. 2002. OUP, Oxford.