

In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody
Catalog # ATB10147**Specification**

In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody - Product Information

Application	WB, IHC-F, FC, FA
Isotype	Mouse IgG1
Concentration	2 mg/mL
Reactivity	Human
Formulation	10 mM NaH ₂ PO ₄ , 150 mM NaCl, pH7.2
Host	Mouse

In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody - Additional Information

Gene ID	3383
Gene Name	ICAM1
Alternative Name(s)	
Intercellular adhesion molecule-1, ICAM1	

Format

In Vivo Ready™

Preparation

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

Application Notes

This purified format is guaranteed to be >90% pure as determined by SDS-PAGE analysis. Citations are provided as a convenience to you - please consult Materials and Methods sections for additional details about the use of any product in these publications.

Endotoxin Level

Less than or equal to 0.01 EU/ug, as determined by the LaL assay

Storage Conditions

2-8°C

In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody - Images**In Vivo Ready™ Anti-Human CD54 (ICAM-1) (15.2) Antibody - Background**

The 15.2 antibody reacts with human CD54, also known as ICAM-1 (Intercellular Adhesion Molecule 1), a 90-110 kDa cell surface glycoprotein that is inducibly expressed on both immune and endothelial cells. As its name implies, ICAM-1 participates in cell-cell adhesion between leukocytes and endothelial cells, facilitating leukocyte recruitment and transmigration at sites of inflammation. The ligands for ICAM-1 are also expressed on leukocyte and endothelial cells, and include Mac-1, fibrinogen, and a member of the integrin protein family, LFA-1 (CD11a). The 15.2 antibody may be used for analysis of ICAM-1 expression in human cells and tissues, and is reported to be cross-reactive with porcine ICAM-1.