# ICAM1 / CD54 antibody [15.2]

## Cat. No. GTX20020

| | |
|---|---|
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Applications** | WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA, Blocking, Neutralizing /Inhibition |
| **Reactivity** | Human, Mouse, Rabbit, Pig |

References ( 15 )
Package
100 µg

## PRODUCT

**Summary**

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 αprotein family, LFA-1 (CD11a).

## Applications

**Application Note**

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---|---|
| WB | Assay dependent |
| ICC/IF | Assay dependent |
| IHC-P | Assay dependent |
| IHC-Fr | Assay dependent |
| FCM | ≤ 1µg/$10^6$ cells |
| IP | Assay dependent |
| ELISA | Assay dependent |
| Blocking | Assay dependent |
| Neutralizing /Inhibition | Assay dependent |

**Note : The suggested use of these reagents is in a final volume of 100 µL.**

Not tested in other applications.

**Calculated MW** 58 kDa. ( Note )

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Buffer** | Borate buffered saline |

For full product information, images and publications, please visit our website.



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| | |
|---|---|
| **Preservative** | No preservatives |
| **Storage** | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. |
| **Concentration** | 0.1 mg/ml (Please refer to the vial label for the specific concentration.) |
| **Immunogen** | Rheumatoid synovial cells and human monocytes |
| **Purification** | Purified IgG1 |
| **Conjugation** | Unconjugated |
| **Note** | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.<br><br>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product. |

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