



Rabbit anti CD54 Polyclonal Antibody

Alternative Name(s): CD54 antigen

Order Information

- **Description:** CD54
- **Catalogue:** 500-10934
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

Recombinant protein encoding aa 253-367 of human CD54.

BACKGROUND

The CD54 antigen (ICAM-1) is an integral membrane glycoprotein of 85-110kDa with seven potential N-linked glycosylation sites. The cell surface glycoprotein is typically expressed on endothelial cells and the cells of the immune system, such as monocytes. It binds to integrins of type CD11a/CD18, or CD11b/CD18. Expression of the CD54 glycoprotein can be induced or upregulated on many cells types including B and T lymphocytes, thymocytes, fibroblasts, keratinocytes and epithelial cells. The CD54 antigen is important in mediating immune and inflammatory responses.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody reacts with human CD54. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

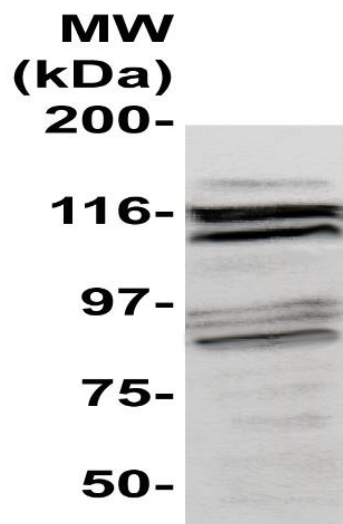
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 75-115
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: The tissue lysate derived from lymph node was immunoblotted by the Rabbit anti CD 54 (Cat#500-10934) @ 1:500. An immunoreactive bands was observed around 75-115kDa.

REFERENCES

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