

Product Datasheet

ICAM-1/CD54 Antibody (J0-F7)

NBP2-66896

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-66896**ICAM-1/CD54 Antibody (J0-F7)**

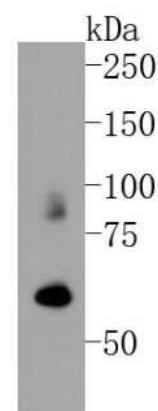
| Product Information | |
|----------------------------|----------------------------------------------------------------------------------------|
| Unit Size | 100 ul |
| Concentration | 2 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | J0-F7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2c |
| Purity | Protein A purified |
| Buffer | PBS (pH7.4), 0.2% BSA, 40% Glycerol |

| Product Description | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Novus Biologicals Mouse ICAM-1/CD54 Antibody (J0-F7) (NBP2-66896) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 3383 |
| Gene Symbol | ICAM1 |
| Species | Human |
| Immunogen | Recombinant protein within human ICAM-1/CD54 aa 30-300. (SwissProt: P05362 Human) |

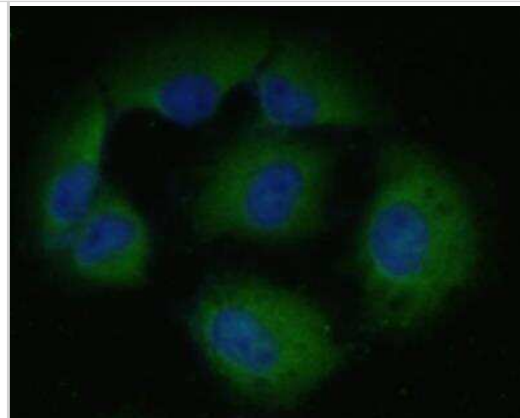
| Product Application Details | |
|------------------------------------|----------------------------------------------------------------------------------------------------------|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:100 |

Images

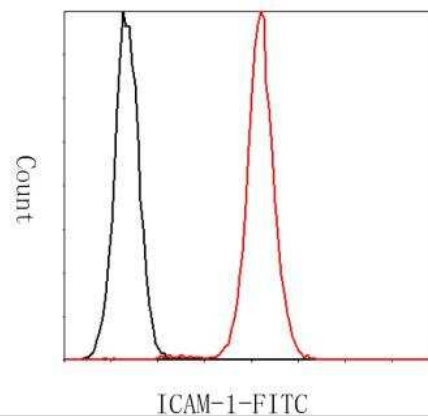
Western Blot: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - Western blot analysis of ICAM-1/CD54 on Daudi cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:5,000 dilution was used for 1 hour at room temperature.



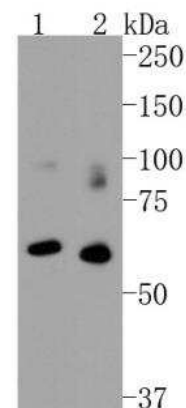
Immunocytochemistry: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - ICC staining of ICAM-1 in HUVEC cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (M1511-6, 1/50) for 1 hour at room temperature, washed with PBS. Alexa Fluor (R)488 Goat anti-Mouse IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).



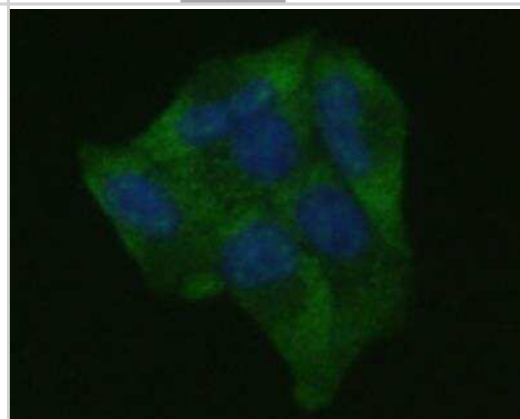
Flow Cytometry: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - Flow cytometric analysis of ICAM-1 was done on Jurkat cells. The cells were fixed, permeabilized and stained with the primary antibody (M1511-6, 1/100) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a FITC-conjugated Goat anti-Mouse IgG Secondary antibody at 1/200 dilution for 30 minutes. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



Western Blot: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - Western blot analysis of ICAM-1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (M1511-6, 1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody (HA1006) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Raji cell lysate Lane 2: Daudi cell lysate



Immunocytochemistry: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - ICC staining of ICAM-1 in Hela cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (M1511-6, 1/100) for 1 hour at room temperature, washed with PBS. Alexa Fluor (R)488 Goat anti-Mouse IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue)





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Products Related to NBP2-66896

| | |
|---------------|----------------------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-88700PEP | ICAM-1/CD54 Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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