

# 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)**

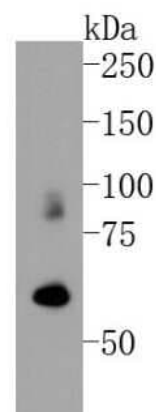
Product Information	
Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	J0-F7
Preservative	0.05% Sodium Azide
Isotype	IgG2c
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.2% BSA, 40% Glycerol

Product Description	
Host	Mouse
Gene ID	3383
Gene Symbol	ICAM1
Species	Human
Immunogen	Recombinant protein within human ICAM-1/CD54 aa 30-300. (SwissProt: P05362 Human)

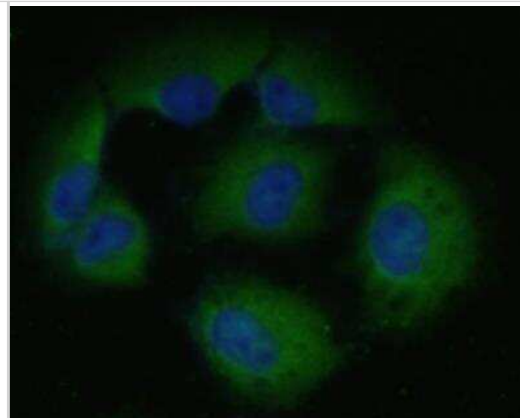
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:100

**Images**

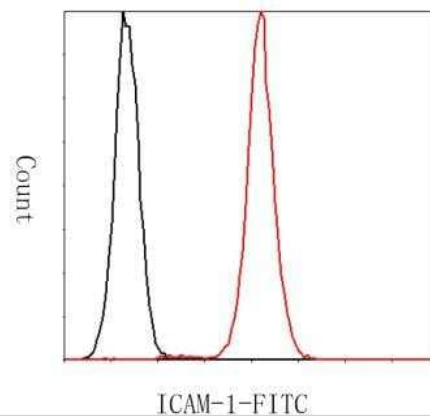
Western Blot: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896] - Western blot analysis of ICAM-1/CD54 on Daudi cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours.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



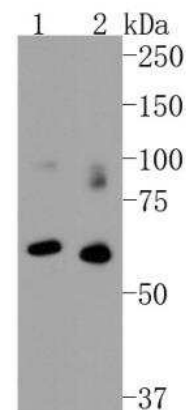
**Immunocytochemistry: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896]** - ICC staining of ICAM-1 in HUVEC cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed 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).



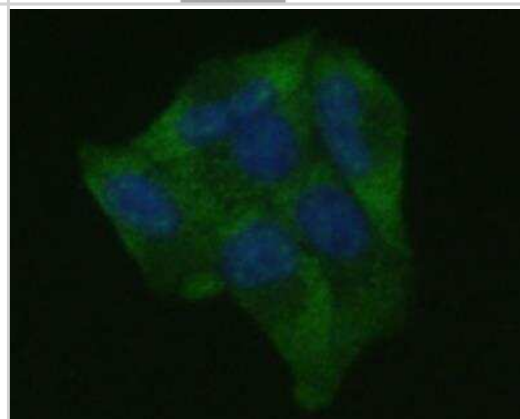
**Flow Cytometry: ICAM-1/CD54 Antibody (J0-F7) [NBP2-66896]** - Flow cytometric analysis of ICAM-1 was done on Jurkat cells. The cells were fixed, permeabilized and stained with the primary antibody (M1511-6, 1/100) (red). After incubation of the primary antibody at room temperature for an hour, the 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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-52268-0.05mg	Recombinant Mouse ICAM-1/CD54 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **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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