

# Product Datasheet

## CD44 Antibody (8E2F3) - Azide and BSA Free NBP2-80650

Unit Size: 0.1 ml

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

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**NBP2-80650**

CD44 Antibody (8E2F3) - Azide and BSA Free

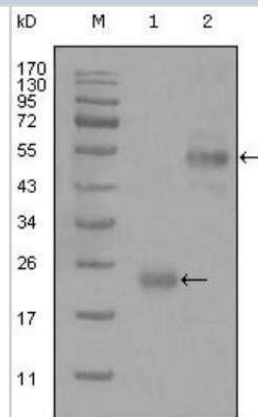
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8E2F3
Preservative	No Preservative
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	82 kDa

Product Description	
Host	Mouse
Gene ID	960
Gene Symbol	CD44
Species	Human, Mouse, Rabbit (Negative)
Reactivity Notes	Not reactive to rabbit per customer review.
Immunogen	Purified recombinant fragment of human CD44 (628-699) expressed in E. coli. [Uniprot: P16070]

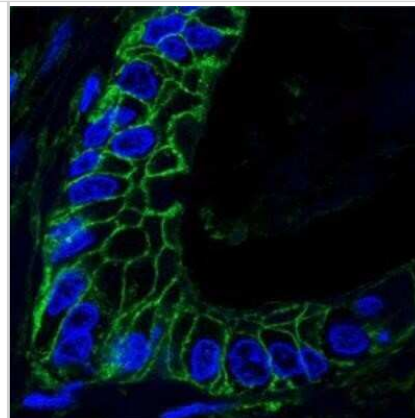
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready

**Images**

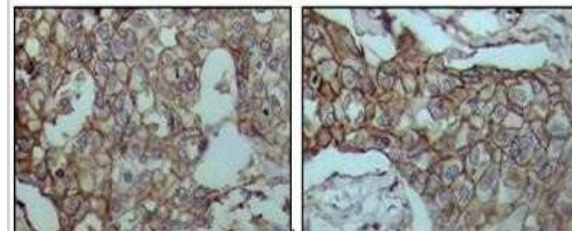
Western Blot: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis using anti-CD44 mAb against truncated Trx-CD44 recombinant protein (1) and GST-CD44 (aa628-699) recombinant protein (2). Image from the standard format of this antibody.



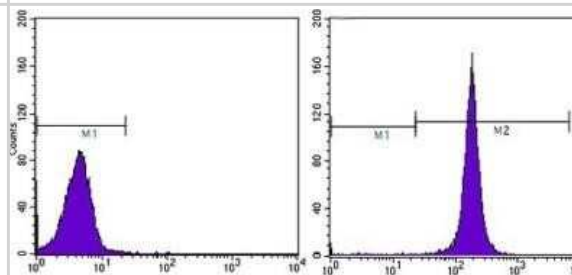
Immunocytochemistry/Immunofluorescence: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis of paraffin-embedded human lung cancer tissues using anti-CD44 mAb (green), showing membrane localization. DRAQ5 fluorescent DNA dye (blue). Image from the standard format of this antibody.



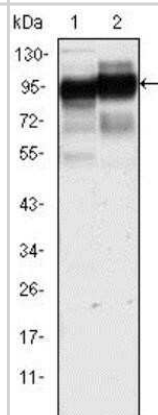
Immunohistochemistry-Paraffin: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis of FFPE human breast carcinoma tissues using CD44 antibody (8E2F3). The signal was developed using DAB based detection and the sections were processed for counterstaining with hematoxylin. The antibody generated mainly a membrane staining repress



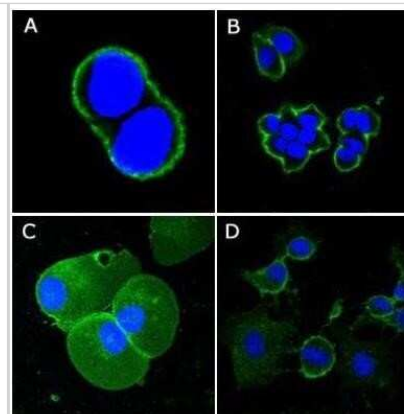
Flow Cytometry: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis of HeLa cells using anti-CD44 mAb (right) and negative control (left). Image from the standard format of this antibody.



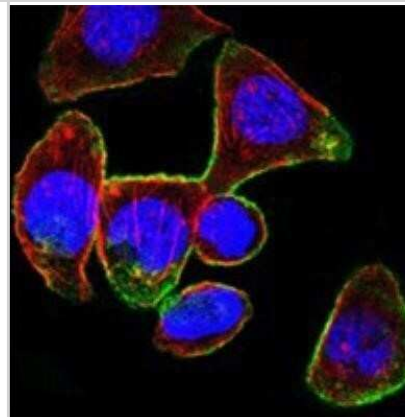
Western Blot: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis using anti-CD44 mAb against HeLa (1) and HUVE-12 (2) cell lysates. Image from the standard format of this antibody.



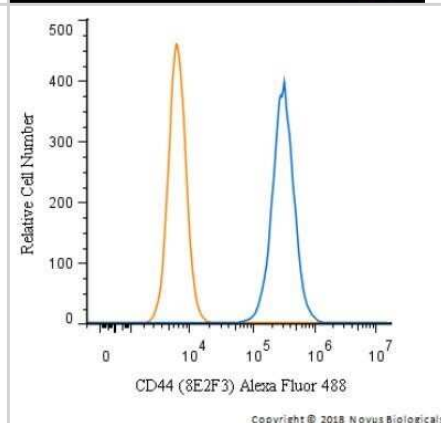
Immunocytochemistry/Immunofluorescence: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis of methanol-fixed A431 (A), HeLa (B), PANC-1 (C) and EC (D) cells using anti-CD44 mAb (green), showing membrane localization. DRAQ5 fluorescent DNA dye (blue). Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - Analysis of PANC-1 cells using anti-CD44 mAb (green). Actin filaments have been labeled with DY-554 phalloidin (red). DRAQ5 fluorescent DNA dye (blue). Image from the standard format of this antibody.



Flow Cytometry: CD44 Antibody (8E2F3) - Azide and BSA Free [NBP2-80650] - An intracellular stain was performed on HeLa cells with NBP1-47386AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.





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### **Products Related to NBP2-80650**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-84578PEP	CD44 Recombinant Protein Antigen

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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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