

# Product Datasheet

## CD44 Antibody (CD44v4/1700R) [Alexa Fluor™ Plus 647] - variant 4

**NBP2-54586AFP647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-54586AFP647**

CD44 Antibody (CD44v4/1700R) [Alexa Fluor™ Plus 647] - variant 4

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CD44v4/1700R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor Plus 647
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	960
Gene Symbol	CD44
Species	Human
Marker	Marker of Tumor Metastasis
Specificity/Sensitivity	This antibody recognizes an epitope encoded by exon v4 on the variant portion of human CD44. The CD44 molecule belongs to a family of cellular adhesion molecules found on a wide range of normal and malignant cells in epithelial, mesothelial and hemopoiesis tissues. CD44 is a single gene with 20 exons, of which 10 are normally expressed to encode the basic CD44 (H-CAM) molecule. The additional 10 exons (v1 to v10) are only expressed by alternative splicing of the nuclear RNA. The expression of specific cell adhesion molecule CD44 splice variants has been reported to be associated with metastasis in certain human malignancies.
Immunogen	Recombinant fragment corresponding to the v4 domain of human CD44 (Uniprot: P16070)
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Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry



<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-54586AFP647**

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NBP1-84578PEP	CD44 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
3660-CD-050	CD44 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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