

## Product Datasheet

# Recombinant CD44v9 Antibody / Rabbit Monoclonal (orb2640571)

<b>Catalog Number</b>	orb2640571
<b>Category</b>	Antibodies
<b>Description</b>	<p>This antibody recognizes an epitope encoded by exon v9 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.</p>
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
<b>Purification</b>	Protein A affinity chromatography
<b>Immunogen</b>	An amino acid sequence from the variant 9 domain of CD44 was used as the immunogen for the recombinant CD44v9 antibody.
<b>UniProt ID</b>	<b>P16070</b>

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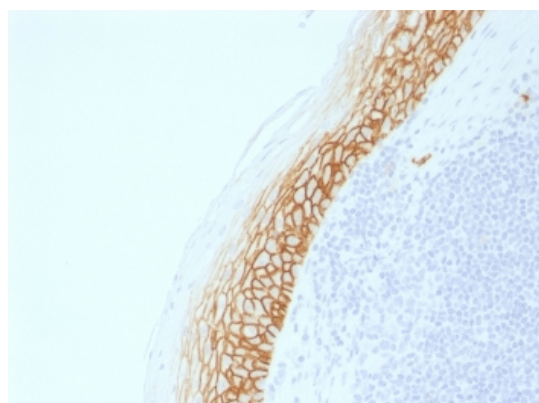
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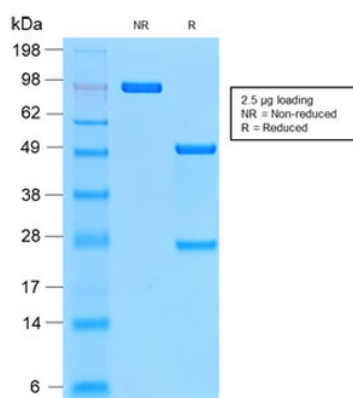
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<b>Tested applications</b>	IHC-P
<b>Dilution range</b>	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
<b>Application notes</b>	Titering of the recombinant CD44v9 antibody may be required for optimal performance.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	CD44v9/2344R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC testing of FFPE human tonsil with recombinant CD44v9 antibody (clone CD44v9/2344R). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD44v9 antibody (clone CD44v9/2344R) as confirmation of integrity and purity.

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