

## Product Datasheet

# CD44 Antibody (C-term) [Knockout Validated] (orb1927005)

<b>Catalog Number</b>	orb1927005
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	CD44
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Immunogen</b>	This CD44 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 688-722 amino acids from the C-terminal region of human CD44.
<b>UniProt ID</b>	<b>P16070</b>
<b>MW</b>	81538 Da
<b>Tested applications</b>	WB
<b>Dilution range</b>	WB - 1:2000

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Storage**

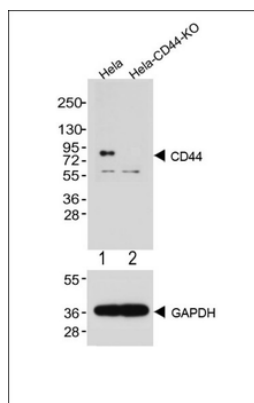
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

**Note**

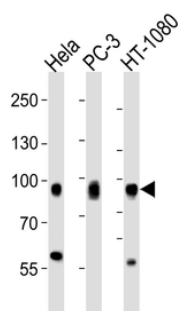
For research use only

**Expiration Date**

12 months from date of receipt.



All lanes: Anti-CD44 Antibody at 1:2000 dilution (upper). Lane 1: HeLa. Lane 2: HeLa-CD44-Knock out. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 82 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot analysis of lysates from HeLa, PC-3, HT-1080 cell line (from left to right), using CD44 Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

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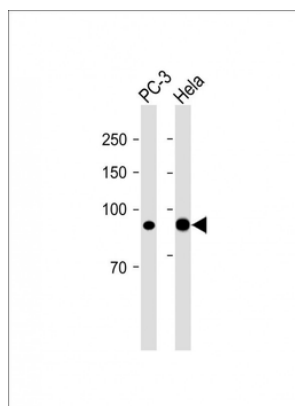
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All lanes: Anti-CD44 Antibody (C-term) at 1:1000 dilution. Lane 1: PC-3 whole cell lysate. Lane 2: HeLa whole cell lysate. Lysates/proteins at 20  $\mu$ g per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/15000 dilution. Observed band size: 90 kDa. Blocking/Dilution buffer: 5% NFDN/TBST.

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