

## Product Datasheet

### CD44 Antibody (orb1333592)

<b>Catalog Number</b>	orb1333592
<b>Category</b>	Antibodies
<b>Description</b>	CD44 Antibody
<b>Target</b>	CD44
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Immunogen</b>	Full length human recombinant protein of human CD44(NP_000601) produced in HEK293T cell.
<b>Tested applications</b>	FC, IHC, WB
<b>Dilution range</b>	WB 1:400~8000, IHC 1:150, IF 1:100, FLOW 1:50
<b>Clone Number</b>	BQVK3G5
<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.

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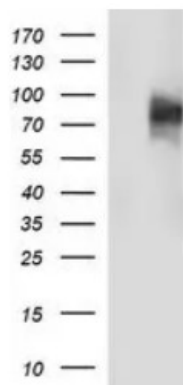
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Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

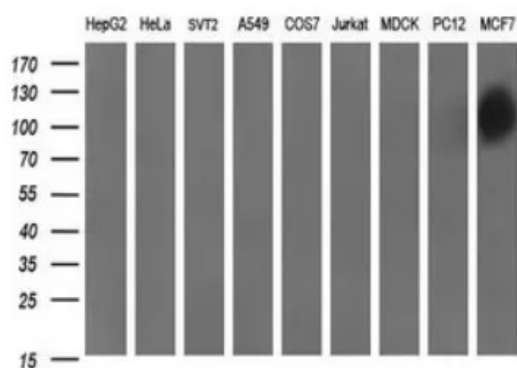
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**Note** For research use only

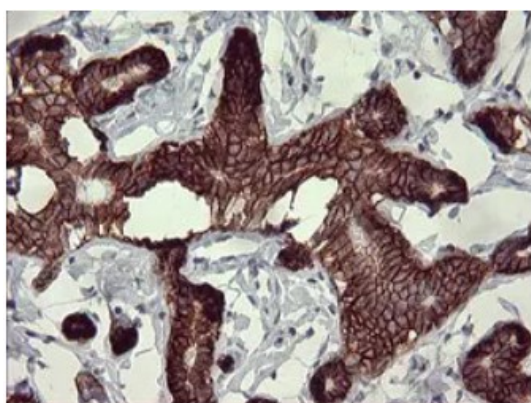
**Expiration Date** 12 months from date of receipt.



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD44 (RC221771, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD44. P



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CD44 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-CD44 mouse monoclonal antibody.

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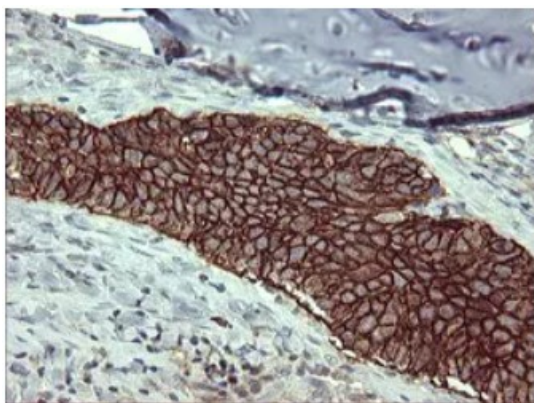
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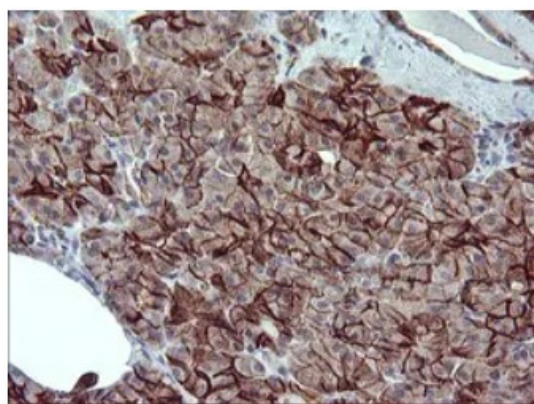
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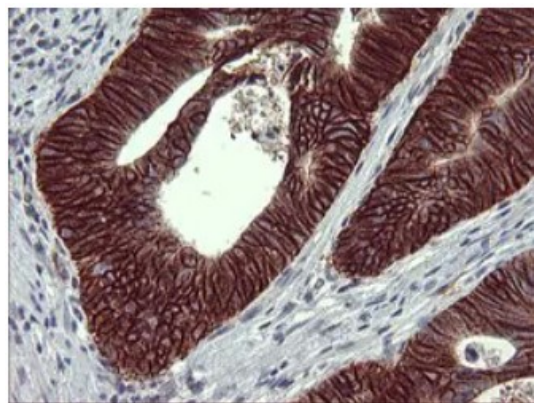
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Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CD44 mouse monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CD44 mouse monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-CD44 mouse monoclonal antibody.

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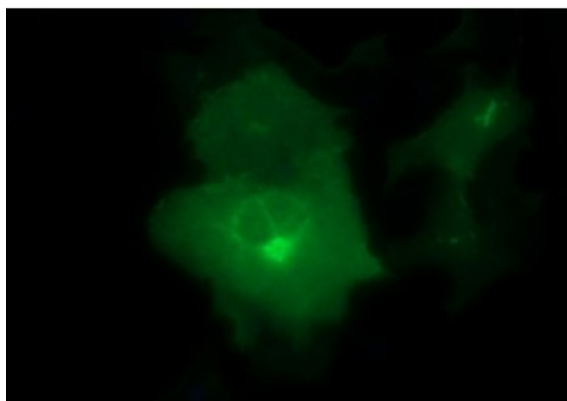
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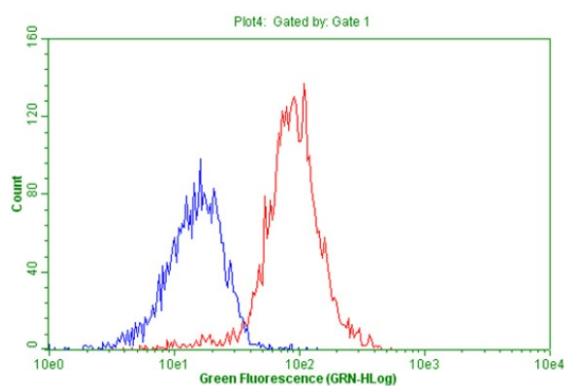
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Anti-CD44 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD44 (RC221771).



Flow cytometric Analysis of living Colo205 cells, using anti-CD44 antibody, (Red), compared to a nonspecific negative control antibody, (Blue).

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