

Product Datasheet

CD44 Antibody (orb1333592)

Description	Mouse monoclonal antibody to CD44
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IHC, WB
Immunogen	Full length human recombinant protein of human CD44(NP_000601) produced in HEK293T cell.
Target	CD44
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
Application notes	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Clonality	Monoclonal
Clone Number	OT11E3
MW	79.2 kDa
Uniprot ID	P16070
NCBI	NM_000610

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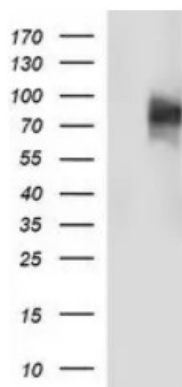
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Dilution Range

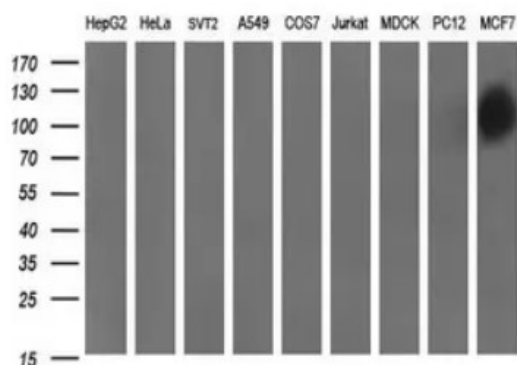
WB 1:400~8000, IHC 1:150, IF 1:100, FLOW 1:50

Expiration Date

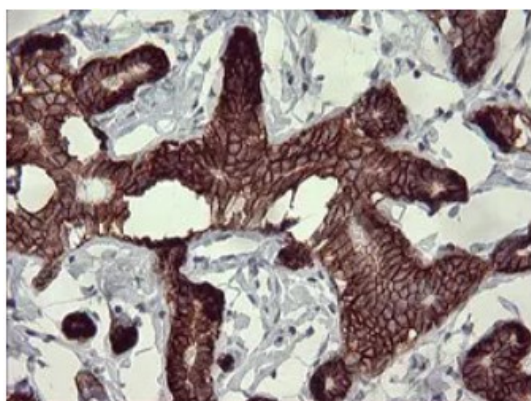
12 months from date of receipt.



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).



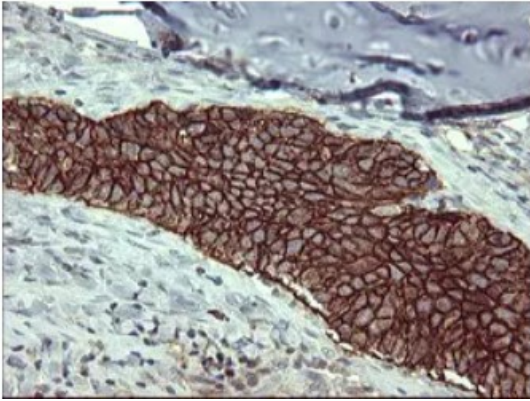
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-CD44 mouse monoclonal antibody.

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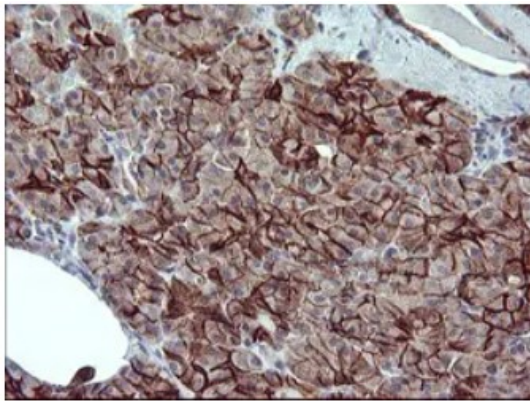
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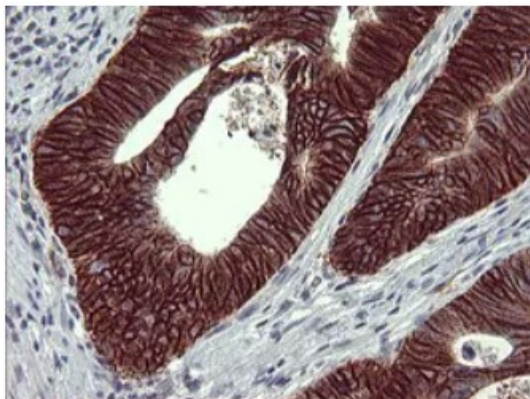
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Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CD44 mouse monoclonal antibody.



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



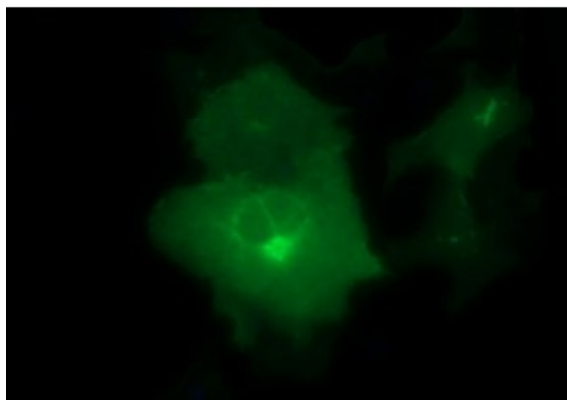
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-CD44 mouse monoclonal antibody.

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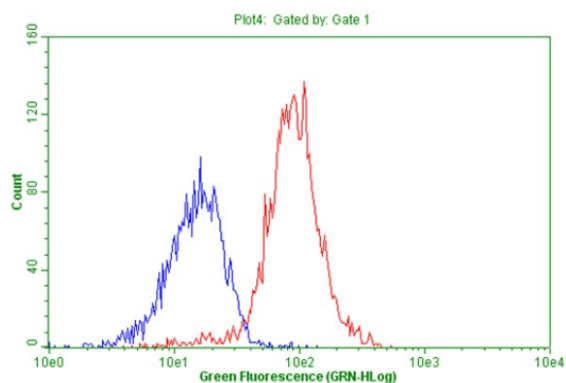
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Anti-CD44 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CD44 (RC221771).



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

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