

## Product Datasheet

### Recombinant CD44 Antibody / HCAM (orb1151545)

<b>Catalog Number</b>	orb1151545
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit monoclonal antibody to CD44
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
<b>Purification</b>	Protein A/G affinity
<b>Immunogen</b>	Recombinant full-length human CD44 protein was used as the immunogen for the recombinant CD44 antibody.
<b>UniProt ID</b>	<b>P16070</b>
<b>Tested applications</b>	IHC-P
<b>Dilution range</b>	Immunohistochemistry (FFPE): 1-2ug/ml
<b>Application notes</b>	Optimal dilution of the recombinant CD44 antibody should be determined by the researcher.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	HCAM/6459R

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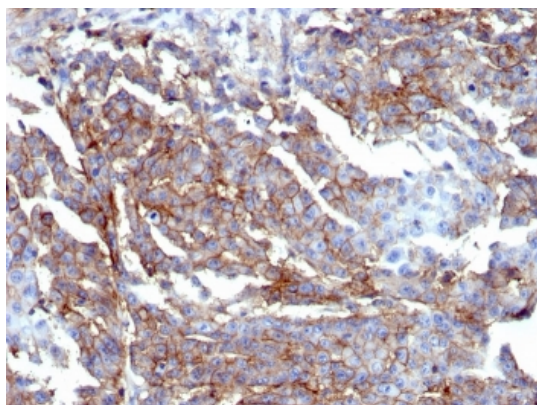
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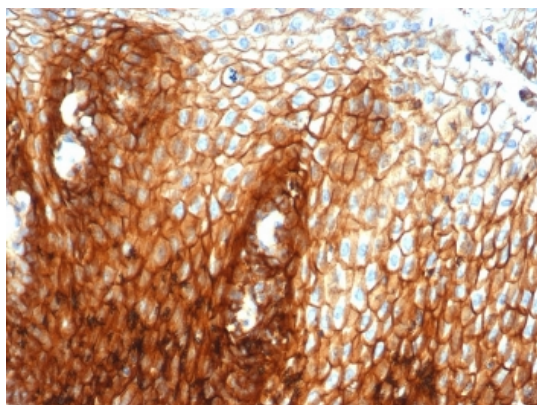
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC staining of FFPE human breast tissue with recombinant CD44 antibody (clone HCAM/6459R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human esophagus tissue with recombinant CD44 antibody (clone HCAM/6459R). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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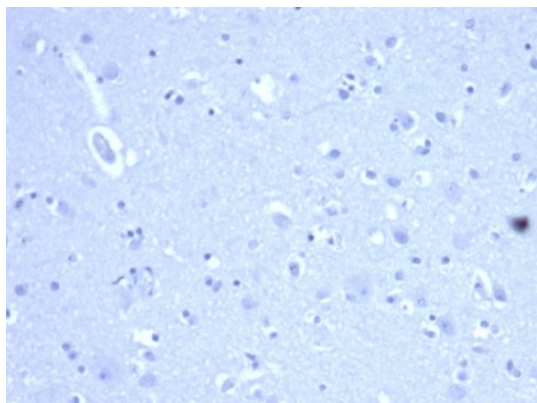
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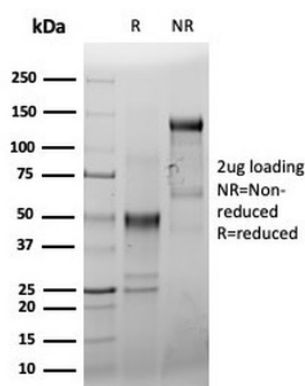
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Negative control: IHC staining of FFPE human brain tissue with recombinant CD44 antibody (clone HCAM/6459R) at 2 ug/ml in PBS for 30 min RT. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant CD44 antibody (clone HCAM/6459R) as confirmation of integrity and purity.

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