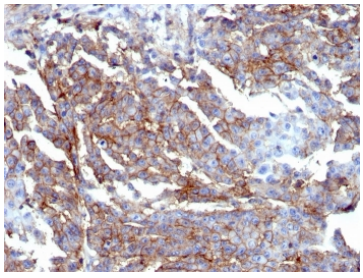
Recombinant CD44 Antibody / HCAM [clone HCAM/6459R] (V9297)

Catalog No.	Formulation	Size
V9297-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9297-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9297SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

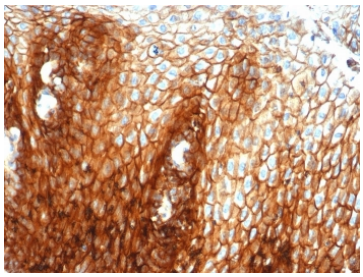
Recombinant RABBIT MONOCLONAL

Bulk quote request

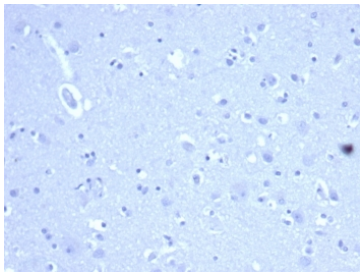
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	HCAM/6459R
Purity	Protein A/G affinity
UniProt	P16070
Localization	Cell Surface
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant CD44 antibody is available for research use only.



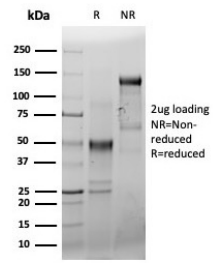
IHC staining of FFPE human breast tissue with recombinant CD44 antibody (clone HCAM/6459R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human esophagus tissue with recombinant CD44 antibody (clone HCAM/6459R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue with recombinant CD44 antibody (clone HCAM/6459R) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 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.

Description

Recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. This MAb selectively interferes with lymphocyte binding to lymph node, mucosal and synovial endothelium. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95kDa or hematopoietic variant (CD44s). Higher molecular weight isoforms are described in epithelial cells (CD44v), which are believed to function in intercellular adhesion and stromal binding. CD44 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.

Application Notes

Optimal dilution of the recombinant CD44 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human CD44 protein was used as the immunogen for the recombinant CD44 antibody.

Storage

Aliquot the recombinant CD44 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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