

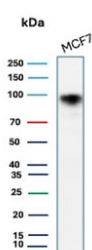
Recombinant CD44 Antibody [clone HCAM/2875R] (V7500)

Catalog No.	Formulation	Size
V7500-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7500-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7500SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7500IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

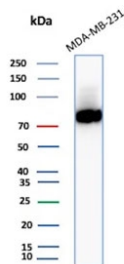
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

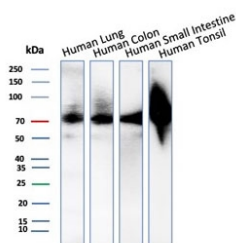
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	HCAM/2875R
Purity	Protein A affinity chromatography
UniProt	P16070
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This recombinant CD44 antibody is available for research use only.



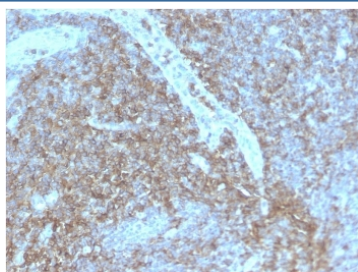
Western blot testing of human MCF7 cell lysate with recombinant CD44 antibody (clone HCAM/2875R). Predicted molecular weight ~81 kDa but may be observed at higher molecular weights due to glycosylation.



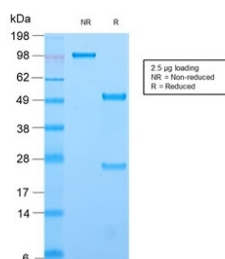
Western blot testing of human MDA-MB-231 cell lysate with recombinant CD44 antibody (clone HCAM/2875R). Predicted molecular weight ~81 kDa but may be observed at higher molecular weights due to glycosylation.



Western blot testing of human lung, colon, small intestine and tonsil tissue lysate with recombinant CD44 antibody (clone HCAM/2875R). Predicted molecular weight ~81 kDa but may be observed at higher molecular weights due to glycosylation.



IHC staining of FFPE human lymph node with recombinant CD44 antibody (clone HCAM/2875R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant CD44 antibody (clone HCAM/2875R) as confirmation of integrity and purity.

Description

Recognizes a cell surface glycoprotein of 80-95kDa (CD44/HCAM) on lymphocytes, monocytes, and granulocytes. 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/HCAM 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.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Stimulated human leukocytes were used as the immunogen for the recombinant CD44 antibody.

Storage

Store the recombinant CD44 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).