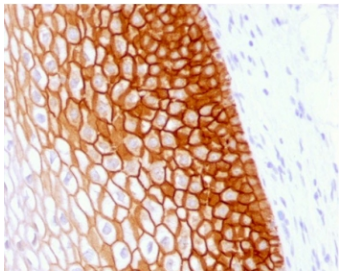
Recombinant CD44v4 Antibody CDLA44v4-1R / Rabbit Monoclonal [clone CDLA44v4-1R] (V3688)

Catalog No.	Formulation	Size
V3688-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3688-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3688SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3688IHC-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	CDLA44v4-1R
Purity	Protein A affinity chromatography
UniProt	P16070
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT Prediluted IHC only format : incubate for 30 min at RT (1)
Limitations	This Recombinant CD44v4 Antibody CDLA44v4-1R is available for research use only.



Recombinant CD44v4 Antibody CDLA44v4-1R Immunohistochemistry. IHC testing of FFPE human cervical squamos cell carcinoma with recombinant CD44v4 antibody (clone CDLA44v4-1R). Required HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

Description

Recombinant CD44v4 Antibody CDLA44v4-1R recognizes an epitope encoded by exon v4 on the variant portion of human CD44. The CD44 molecule belongs to a family of cellular adhesion molecules found on a wide range of normal and malignant cells in epithelial, mesothelial and hemopoiesis tissues. It is a single gene with 20 exons, of which 10 are normally expressed to encode the basic CD44 (H-CAM) molecule. The additional 10 exons (v1 to v10) are only expressed by alternative splicing of the nuclear RNA. The expression of specific cell adhesion molecule CD44 splice variants has been reported to be associated with metastasis in certain human malignancies.

For additional CD44 research, explore our HCAM Antibody 156-3C11, a well-established monoclonal antibody with over 200 publications supporting its use in studies of cell adhesion, migration, and cancer biology.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Recombinant CD44v4 Antibody CDLA44v4-1R may be required due to differences in protocols and secondary/substrate sensitivity.

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

An amino acid sequence from the variant 4 domain of CD44 was used as the immunogen for the recombinant CD44v4 antibody.

Storage

Store the recombinant CD44v4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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