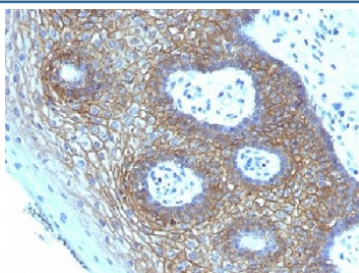


CD44v4 Antibody [clone CD44v4/1219] (V3282)

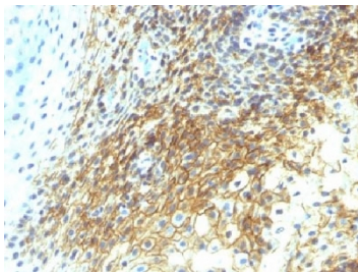
Catalog No.	Formulation	Size
V3282-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3282-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3282SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

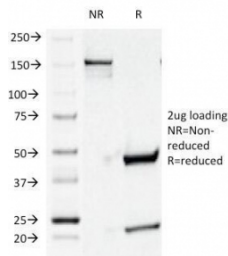
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	CD44v4/1219
Purity	Protein G affinity chromatography
UniProt	P16070
Localization	Cell surface, cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This CD44v4 antibody is available for research use only.



IHC testing of FFPE human cervical squamous cell carcinoma with CD44v4 antibody (clone CD44v4/1219). Required HIER: steam sections in pH 9 10mM Tris with 1mM EDTA buffer for 10-20 min.



IHC testing of FFPE human tongue squamous cell carcinoma with CD44v4 antibody (clone CD44v4/1219). Required HIER: steam sections in pH 9 10mM Tris with 1mM EDTA buffer for 10-20 min.



SDS-PAGE Analysis of Purified, BSA-Free CD44v4 Antibody (clone CD44v4/1219). Confirmation of Integrity and Purity of the Antibody.

Description

This antibody 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.

Application Notes

Titering of the CD44v4 antibody may be required for optimal performance.

Immunogen

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

Storage

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