

## CD44v4 Antibody (V3770)

Catalog No.	Formulation	Size
V3770-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3770-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3770SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Protein A affinity chromatography
<b>UniProt</b>	P16070
<b>Localization</b>	Cell surface, cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This CD44v4 antibody is available for research use only.



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

## 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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).