w abeomics

12-1121: Anti-CD44v9 (Marker of Tumor Metastasis) Recombinant Mouse Monoclonal Antibody (Clone:rCD44v9/1459)

Clonality :	Monoclonal	
Clone Name :	rCD44v9/1459	
Application :	IHC	
Reactivity :	Human	
Gene :	CD44	
Gene ID :	960	
Uniprot ID :	P16070	
Format :	Purified	
Alternative Name :	LHR; BA-1; chondroitin sulfate proteoglycan 8 (CSPG8); Epican; Extracellular Matrix Receptor III (ECM III); GP90 Lymphocyte Homing Adhesion Receptor; HCAM; HCELL; hematopoietic cell E- and L-selectin ligand; Heparan Sulfate Proteoglycan; Hermes Antigen; HAS; HUTCH I; Hyaluronate Receptor; Indian blood group; Inlu Related p80 Glycoprotein; Ly 24; MDU2; MDU3; MIC4; MUTCH I; Phagocytic Glycoprotein 1 (PGP-1)	
Isotype :	Mouse IgG1, kappa	
Immunogen Information : Recombinant fragment corresponding to the v9 domain of human CD44		

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. CD44 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.

Product Info

Amount :	20 μg / 100 μg
Purification :	Protein A/G
Content :	200μ g/ml of recombinant MAb purified by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2 \tilde{A}] \hat{A} µg/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

₩ abeomics

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

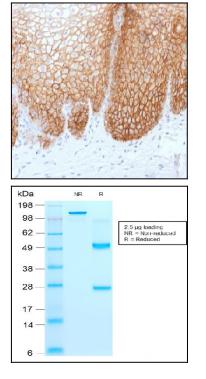


Figure 1: Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with CD44v9 Mouse Recombinant Monoclonal Antibody (rCD44v9/1459).

Figure 2: SDS-PAGE Analysis Purified CD44v9 Mouse Recombinant Monoclonal Antibody (rCD44v9/1459).