

Anti-CD44 Antibody [HCAM/918] - BSA and Azide free (A253896)

Specifications:

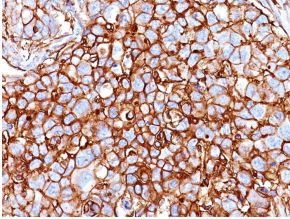
Name:	Anti-CD44 Antibody [HCAM/918] - BSA and Azide free
Description:	Mouse monoclonal [HCAM/918] antibody to CD44.
Specificity:	This antibody recognizes a cell surface glycoprotein of 80-95kDa (CD44) on lymphocytes, monocytes, and granulocytes (Leucocyte Typing Workshop V). Its epitope is resistant to digestion by trypsin and chymotrypsin. This MAb selectively interferes with lymphocyte binding to lymph node, mucosal and synovial endothelium. 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 immunostaining is commonly used for the discrimination of urothelial transitional cell carcinoma in-situ from non-neoplastic changes in the urothelium.
Applications:	Functional Studies, WB, Flow Cytometry, IF, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 0.25-0.5 µg/ml
Reactivity:	Human, Baboon, Green Monkey
Immunogen:	Stimulated human leukocytes.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	HCAM/918
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-CD44 Antibody [HCAM/918] (A250716).

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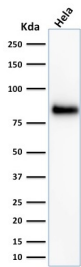
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

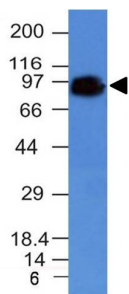
Images:



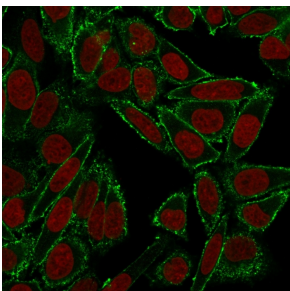
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma using Anti-CD44 Antibody [HCAM/918].



Western blot analysis of HeLa cell lysate using Anti-CD44 Antibody [HCAM/918].



Western blot analysis of DU145 cell lysate using Anti-CD44 Antibody [HCAM/918].



Immunofluorescent analysis of HeLa cells stained with Anti-CD44 Antibody [HCAM/918] (CF® 488) (Green). Nuclear counterstain is RedDot.