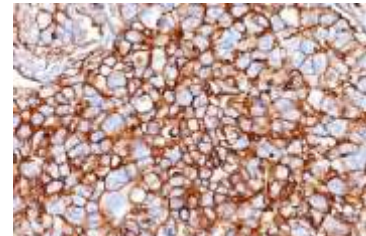


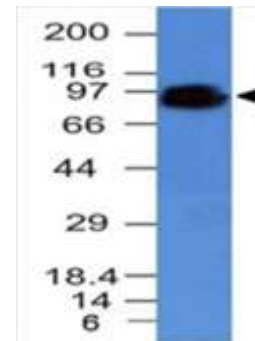
Anti-CD44 / HCAM Std. Antibody (HCAM/918)

CATALOG NO:	A1525-100
ALTERNATIVE NAMES:	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)
AMOUNT:	100 µg
IMMUNOGEN:	Recombinant human HCAM protein
HOST/ISOTYPE:	Mouse / IgG2b, kappa
CLONALITY:	Monoclonal
CLONE:	HCAM/918
MOL WEIGHT:	80-95 kDa
SPECIES REACTIVITY:	Human and non-human Primates
PURIFICATION:	Protein A/G purified
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. Long term storage at -20°C.
DESCRIPTION:	Recognizes a cell surface glycoprotein of 80-95 kDa (CD44) on lymphocytes, monocytes, and granulocytes. Its epitope is resistant to digestion by trypsin and chymotrypsin. The CD44 family of glycoproteins exists in a number of variant isoforms, the most common being the standard 85-95 kDa 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.
APPLICATION:	FC: 0.5-1 µg/1X10 ⁶ cells in 0.1ml IF: 0.5-1 µg/ml IHC: 0.25-0.5 µg/ml for 30 minutes at RT (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with CD44 Antibody (HCAM/918)



Western Blot of DU145 Cell Lysate using CD44 Antibody (HCAM/918).

RELATED PRODUCTS:

- CD44 (Human) ELISA Kit (Cat. No. K4178)
- Anti-human CD44 antibody (Cat. No. A1505)
- Anti-CD44 Antibody (Hermes-3) (Cat. No. A1078)
- HCAM Antibody (Cat. No. 3393)
- Human CellExp™ LYVE-1, mouse recombinant (Cat. No P1017)

FOR RESEARCH USE ONLY! Not to be used on humans.