

CD44 Antibody

Catalog No: #48353

Package Size: #48353-1 50ul #48353-2 100ul

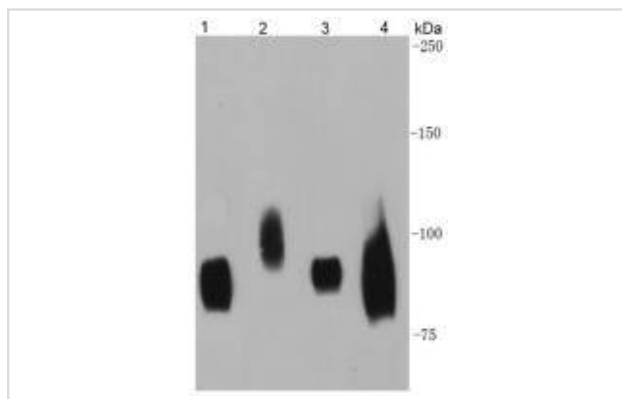
Description

Product Name	CD44 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A7-1
Purification	Peptide affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu
Immunogen Description	peptide
Conjugates	Unconjugated
Other Names	LHR antibody BA-1 antibody CD 44 antibody CD44 antibody CD44 antigen antibody CD44 molecule (Indian blood group) antibody CD44 molecule antibody CD44_HUMAN antibody CDw44 antibody Cell surface glycoprotein CD44 antibody chondroitin sulfate proteoglycan 8 antibody CSPG8 antibody ECMR-III antibody Epican antibody Extracellular matrix receptor III antibody GP90 lymphocyte homing/adhesion receptor antibody HCELL antibody hematopoietic cell E- and L-selectin ligand antibody Heparan sulfate proteoglycan antibody Hermes antigen antibody homing function and Indian blood group system antibody HSA antibody HUTCH-I antibody HUTCH1 antibody Hyaluronate receptor antibody IN antibody INLU-related p80 Glycoprotein antibody MC56 antibody MDU2 antibody MDU3 antibody MGC10468 antibody MIC4 antibody MUTCH1 antibody PGP-1 antibody PGP-I antibody PGP1 antibody Phagocytic glycoprotein 1 antibody Phagocytic glycoprotein I antibody Soluble CD44 antibody
Accession No.	Swiss-Prot#:P16070
Calculated MW	80 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

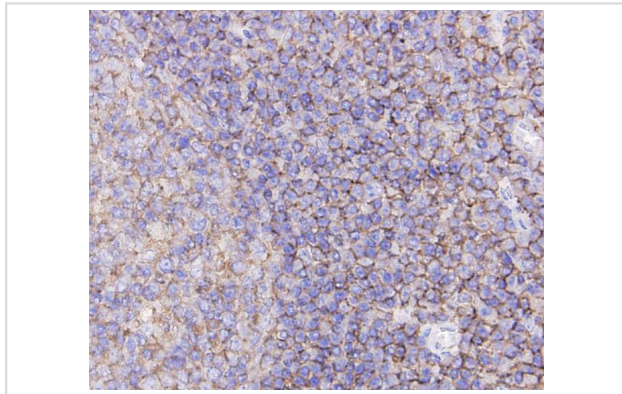
Application Details

WB: 1:500-1:1000 IHC: 1:200 FC: 1:100-1:200

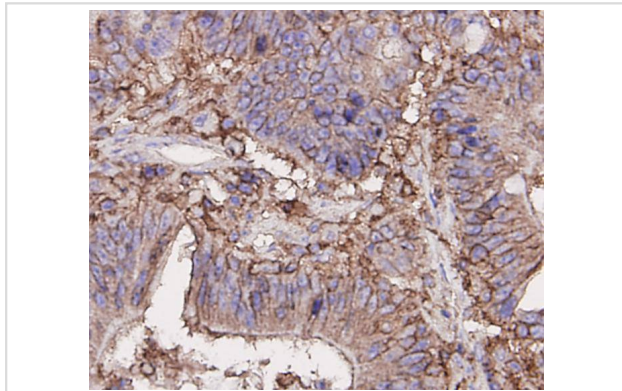
Images



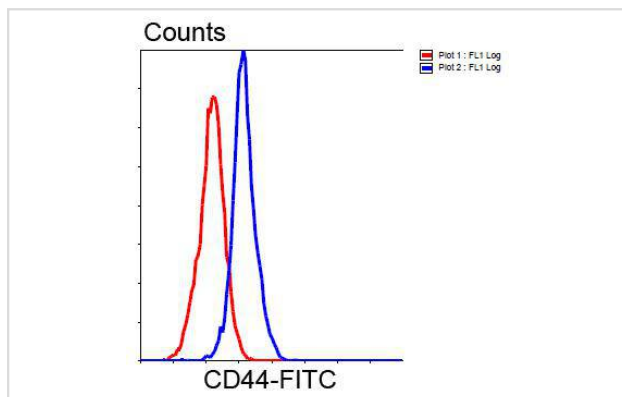
Western blot analysis of CD44 on different cell lysates using anti-CD44 antibody at 1/500 dilution. Positive control: Line1: HUVEC Line2: HL-60 Line3: Hela Line4:SKOV3



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD44 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using anti-CD44 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Hela cells with CD44 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti mouse IgG (FITC) was used as the secondary antibody.

Background

CD44 is a cell-surface glycoprotein postulated to play a role in a variety of biological processes, including lymphocyte homing and tumor-cell metastasis. It mediates cell-cell and cell-matrix interactions through its affinity for hyaluronic acid (HA), and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. CD44 is highly polymorphic, possesses a number of alternative splice variants and undergoes extensive post-translational modifications.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.