

Mouse anti-Human CD44 Monoclonal Antibody | anti-CD44 antibody

CD44 (ABT147) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320607	Mouse	Human	ELISA, Immunofluorescence, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CD44; Monoclonal Antibody; CD44 (ABT147) Antibody; LHR?BA-1?CD 44?CD44?CD44 antigen?CD44 molecule (Indian blood group)?CD44 molecule?CD44_HUMAN?CDw44?CDW44 antigen?Cell surface glycoprotein CD44?chondroitin sulfate proteoglycan 8?CSPG8?ECMR-III?Epican?Extracellular matrix receptor III?GP90 lymphocyte homing/adhesion receptor?HCELL?hematopoietic cell E- and L-selectin ligand?Heparan sulfate proteoglycan?Hermes antigen?homing function and Indian blood group system?HSA?HUTCH-I?HUTCH1?HUTCHI?Hyaluronate receptor?IN?INLU-related p80 Glycoprotein?MC56?MDU2?MDU3?MGC10468?MIC4?MUTCH I?MUTCH1?PGP-1?PGP-I?PGP1?Phagocytic glycoprotein 1?Phagocytic glycoprotein I?Soluble CD44; anti-CD44 antibody

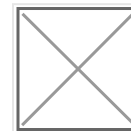
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	ABT147
Specificity	The antibody can specifically recognize human CD44 protein. In western blotting of Hela cell lysate, the antibody can label a 81 kDa band corresponding to CD44.
Purity/Purification	Protein G
Form/Format	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Applicable Applications for anti-CD44 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Store at -20 degree C/1 year

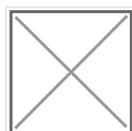
IMAGES



IHC (Immunohistochemistry)
Human tonsil tissue was stained with Anti-CD44 (ABT147) Antibody



IHC (Immunohistochemistry)
Human tonsil tissue was stained with Anti-CD44 (ABT147) Antibody



SDS-PAGE
Various whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-CD44 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD44 antibody	Primary Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255935
NCBI GeneID	960
NCBI Accession #	NP_000601.3
NCBI GenBank Nucleotide #	NM_000610.3
UniProt Accession #	P16070; O95370; P22511; Q04858; Q13419; Q13957; Q13958; Q13959; A5YRN9; B6EAT9; D3DR12; D3DR13
Molecular Weight	81,538 Da
NCBI Official Full Name	CD44 antigen isoform 1
NCBI Official Synonym Full Names	CD44 molecule (Indian blood group)
NCBI Official Symbol	CD44
NCBI Official Synonym Symbols	IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III
NCBI Protein Information	CD44 antigen; epican; Hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; heparan sulfate proteoglycan; cell surface glycoprotein CD44; extracellular matrix receptor III; chondroitin sulfate proteoglycan 8; GP90 lymphocyte homing/adhesion rec
UniProt Protein Name	CD44 antigen
UniProt Gene Name	CD44
UniProt Synonym Gene Names	LHR; MDU2; MDU3; MIC4; ECMR-III; PGP-1; PGP-I
UniProt Entry Name	CD44_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.