

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

Anti-CD44 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214176	Rat	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CD44; Monoclonal Antibody; Anti-CD44 Antibody; anti-CD44 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Human CD44
Purity/Purification	Affinity-purified from hybridoma supernatant by affinity-chromatography.
Form/Format	PBS, pH 7.4 with 0.05% sodium azide
Concentration	100ug/100ul (varies by lot)
Sequence Length	43
Applicable Applications for anti-CD44 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Human lymphoid cells
Preparation and Storage	This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20°C or below.

ADDITIONAL INFORMATION

Related Product Information for anti-CD44 antibody	CD44 is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA), and their interaction plays an important role in cell migration, tumor growth and progression. CD44 can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. It may play an important role in invadopodia formation in cancer cell. Altered expression or dysfunction of this protein is shown to cause numerous pathogenic phenotypes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	685122
NCBI GeneID	960
NCBI Official Full Name	CD44, partial
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
UniProt Protein Name	CD44 antigen
UniProt Gene Name	CD44
UniProt Synonym Gene Names	LHR; MDU2; MDU3; MIC4; ECMR-III; PGP-1; PGP-I

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd44-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/214176>