

Rabbit CD44 Polyclonal Antibody | anti-CD44 antibody

CD44 Polyclonal Antibody

CATALOG # AAA311117	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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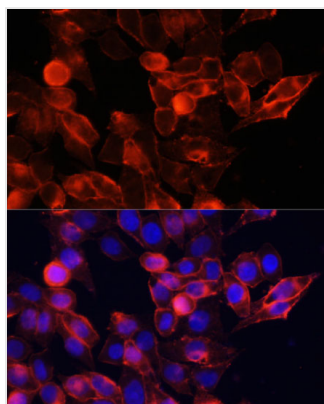
PRODUCT SYNONYMS

CD44; Polyclonal Antibody; CD44 Polyclonal Antibody; CDW44; CSPG8; ECMR-III; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CD44 antigen; anti-CD44 antibody

PRODUCT SPECIFICATIONS

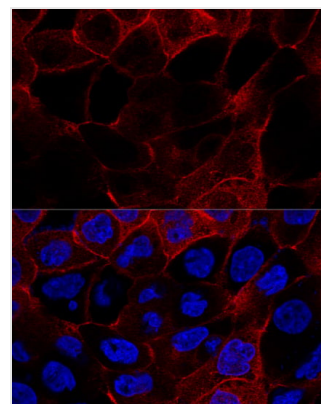
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	294
Applicable Applications for anti-CD44 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CD44 (NP_001189486.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



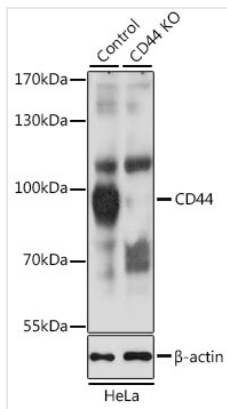
IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using CD44 antibody.



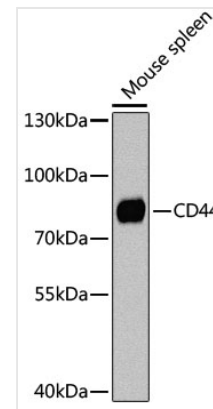
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CD44 antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and CD44 knockout (KO) HeLa cells, using CD44 antibody.



WB (Western Blot)

Western blot analysis of extracts of mouse spleen, using CD44 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD44 antibody	The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and 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. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.
Product Categories/Family for anti-CD44 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	321400142
NCBI GeneID	960
NCBI Accession #	NP_001189486.1
NCBI GenBank Nucleotide #	NP_001189486.1
UniProt Accession #	P16070
Molecular Weight	82kDa
NCBI Official Full Name	CD44 antigen isoform 8
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
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.

