

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

CD44

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78252	Mouse	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

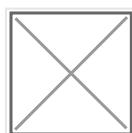
PRODUCT SYNONYMS

CD44; Monoclonal Antibody; LHR; MDU2; MDU3; MIC4; anti-CD44 antibody

PRODUCT SPECIFICATIONS

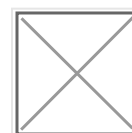
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, Kappa
Clone Number	156-3C11
Purity/Purification	Protein G Chromatography
Form/Format	Purified 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	742
Applicable Applications for anti-CD44 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Stimulated human Leukocytes were taken as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



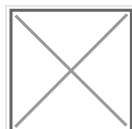
IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of CD44 antibody in human Breast carcinoma tissue using 10 ug/ml of Anti-hCD44 (Clone: 156-3C11).



WB (Western Blot)

Expression analysis of CD44. Anti-CD44 antibody (Clone: 156-3C11) was tested at 2 ug/ml on h Lungs lysate.



Application Data

Fig:1- Cell Surface flow analysis of hCD44 in PBMC (Lymphocytes gated) using 0.5 ug antibody per 10⁶ cells. Green represents isotype control; red represents anti-hCD44 antibody (AAA78252) Goat anti-mouse PE conjugated secondary antibody was used.

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
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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd44-antibody-clone-156-3c11-flow-cytometry-immunohistochemistry-western-blot-elisa/78252>