

Mouse anti-Human CD35 Monoclonal Antibody | anti-CD35 antibody

Anti-CD35 [HB-8592], Mouse IgG1, Kappa

CATALOG # AAA72049	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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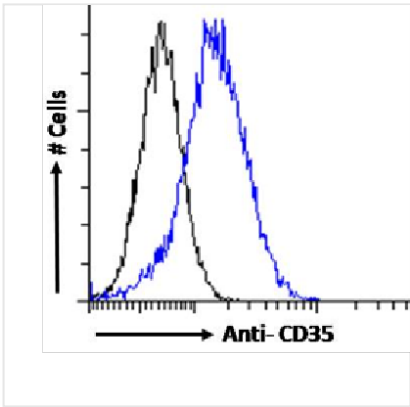
PRODUCT SYNONYMS

CD35; Monoclonal Antibody; Anti-CD35 [HB-8592]; Mouse IgG1; Kappa; CR1; C3BR; C4BR; HB8592; HB 8592; anti-CD35 antibody

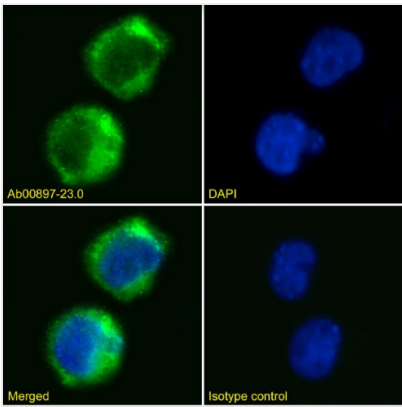
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, Kappa
Clone Number	HB-8592
Specificity	The antibody binds to a site distinct from the C3b binding site, and can be used to measure the number of receptors despite occupancy by ligand.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD35 antibody	FCM/FACS (Flow Cytometry)
Antibody Type	Recombinant Antibody
Immunogen	Animals were immunized with purified CR1 from human erythrocytes. Spleen cells were fused with P3X63Ag8.653 myeloma cells.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)
Flow-cytometry using the anti-CD35 antibody HB-8592 or the rabbit IgG1 version of HB-8592 at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-mouse IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)
Immunofluorescence staining of Jurkat cells using anti-CD35 antibody at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD35 antibody	Macrophage phenotypic profile was compared with that of normal peripheral blood monocytes, anticipating that the phenotypic profile reflects the functional activity of the cell. Recombinant monoclonal antibody to CD35. Manufactured using our Recombinant Platform with variable regions (i.e. specificity) from the hybridoma HB-8592.
Product Categories/Family for anti-CD35 antibody	Immunology; Cancer
References	P.H. HART, C.A. JONES & J. J. FINLAY-JONES; Clin. exp. Immunol (1992) 88, 484-491

NCBI AND UNIPROT INFORMATION

NCBI GI #	86793109
NCBI GeneID	1378
NCBI Accession #	NP_000642.3
NCBI GenBank Nucleotide #	NM_000651.4
UniProt Accession #	P17927; Q16744; Q16745; Q5SR43; Q5SR45; Q9UQV2
Molecular Weight	223,663 Da
NCBI Official Full Name	complement receptor type 1 isoform S
NCBI Official Synonym Full Names	complement component (3b/4b) receptor 1 (Knops blood group)
NCBI Official Symbol	CR1
NCBI Official Synonym Symbols	KN; C3BR; C4BR; CD35
NCBI Protein Information	complement receptor type 1; CD35 antigen; C3b/C4b receptor; C3-binding protein; Knops blood group antigen
UniProt Protein Name	Complement receptor type 1
UniProt Gene Name	CR1
UniProt Synonym Gene Names	C3BR
UniProt Entry Name	CR1_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/cd35-antibody-clone-hb-8592-flow-cytometry-elisa/72049>