

Mouse anti-Human CD35/CR1 Monoclonal Antibody | anti-CR1 antibody

CD35/CR1 (Follicular Dendritic Cell Marker) Mouse Monoclonal Antibody [Clone CR1/6383]

CATALOG # AAA215568	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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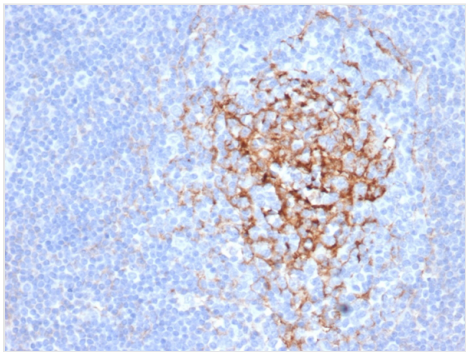
PRODUCT SYNONYMS

CD35/CR1; Monoclonal Antibody; CD35/CR1 (Follicular Dendritic Cell Marker) Mouse Monoclonal Antibody [Clone CR1/6383]; CD35/CR1 (Follicular Dendritic Cell Marker); C3 binding protein; C3b/C4b receptor; C3BR; C4BR; Complement Component (3b/4b) receptor 1 including Knops blood group system; Complement receptor type 1; KN; Knops blood group antigen; anti-CR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	CR1/6383
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CR1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (within aa650-850) of human CD35 (exact sequence is proprietary)
Cellular Localization	Cell surface
Positive Control	Follicular dendritic cells (FDC) in tonsil.
Hu-chromosome Location	1q32.2
Unigene	334019
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with CD35 Mouse Monoclonal Antibody (CR1/6383) at 2ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CR1 antibody	CD35, complement receptor 1, is a cell membrane-bound, monomeric glycoprotein on numerous cell types including erythrocytes, leukocytes, glomerular podocytes, and follicular dendritic cells. The primary function of CD35 is to serve as the cellular receptor for C3b and C4b, the most important components of the complement system leading to clearance of foreign macromolecules. CD35 antigen is found on erythrocytes, B cells, a subset of T cells, monocytes, as well as eosinophils, and neutrophils. Anti-CD35 is considered a mature B-cell marker which labels follicular dendritic reticulum cells and tumors derived from such cells such as follicular dendritic cell tumor/sarcoma.
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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.