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Anti-CD35 Antibody

Catalog # AP54144

Product Information

Application	IHC
Primary Accession	P17927
Other Accession	Q2VPA4
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	223663

Additional Information

Gene ID	1378
Other Names	CR1; C3BR; Complement receptor type 1; C3b/C4b receptor; CD35; CR1L; Complement component receptor 1-like protein; Complement C4b-binding protein CR-1-like protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human CD35. The exact sequence is proprietary.
Dilution	IHC~~1/100 - 1/300
Format	Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

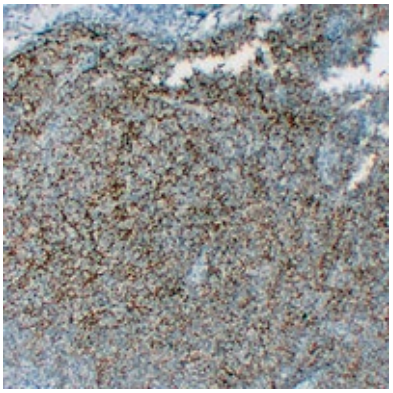
Protein Information

Name	CR1
Synonyms	C3BR
Function	Membrane immune adherence receptor that plays a critical role in the capture and clearance of complement-opsonized pathogens by erythrocytes and monocytes/macrophages (PubMed:2963069). Mediates the binding by these cells of particles and immune complexes that have activated complement to eliminate them from the circulation (PubMed:2963069). Also acts in the inhibition of spontaneous complement activation by impairing the formation and function of the alternative and classical pathway C3/C5 convertases, and by serving as a cofactor for the cleavage by factor I of C3b to iC3b, C3c and C3d,g, and of C4b to C4c and C4d (PubMed:2972794, PubMed:8175757). Also plays a role in immune regulation by contributing, upon ligand binding, to the generation of regulatory T cells from activated

helper T cells (PubMed:25742728).

Cellular Location	Membrane; Single- pass type I membrane protein
Tissue Location	Present on erythrocytes, a subset of T cells, mature B cells, follicular dendritic cells, monocytes and granulocytes

Images



Immunohistochemical analysis of CD35 staining in human follicular lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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