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10-3543: Monoclonal Antibody to human CD35(Discontinued)

Clonality :	Monoclonal
Clone Name :	31R
Application :	IP,FACS
Reactivity :	Human
Gene :	CR1
Gene ID :	1378
Uniprot ID :	P17927
Alternative Name :	C3BR, C3b/C4b receptor, CD35
Isotype :	Mouse IgG1

Description

CD35 (CR1) is a type 1 membrane glycoprotein participating in clearance of immune complexes, regulation of autologous complement activation on cell surfaces, and complement-dependent cellular cytotoxicity mediated by leukocytes. CD35 inhibits complement activation by two distinct mechanisms. CD35 is a cofactor for factor I cleavage of C3b, iC3b and C4b. Furthermore CD35 mediates decay-dissociation of C3 and C5 convertases. CD35 is found on erythrocytes, neutrophils, monocytes and dendritic cells. There are four allotypic variants of CD35 (CR1) with different molecular masses: 190 kDa (CR-1A), 220 kDa (CR1-B), 160 kDa (CR1-C) and 250 kDa (CR1-D). The monoclonal antibody 31R binds a single epitope of CR1.

Product Info

Amount :	1.0 mg / 500 µg
Content :	0.5 mg 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.
Storage condition :	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Application Note

For immunohistology, flow cytometry and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:10.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.