

Product datasheet for **AM08162RP-N**

CD55 / DAF Mouse Monoclonal Antibody [Clone ID: 143-30]

Product data:

Product Type:	Primary Antibodies
Clone Name:	143-30
Applications:	FC
Recommended Dilution:	Flow Cytometry: 10 µL/10e6 cells.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognizes CD55.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE State: Liquid purified Ig fraction. Label: R-Phycoerythrin
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD55 molecule (Cromer blood group)
Database Link:	Entrez Gene 1604 Human P08174



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Background:

CD55, also known as decay accelerating factor (DAF), is a 64-73 kDa GPI-anchored single chain glycoprotein that is expressed on all cells in contact with serum, including all hematopoietic cells and the vascular endothelium. A soluble form of CD55 is present in plasma and body fluids. CD55 is a member of the regulator of complement activity (RCA) family of proteins and is thought to play a role in the protection of cells from damage by autologous complement by preventing the amplification steps of the complement cascade. CD55 expression increases upon T cell activation and antibodies to CD55 are mitogenic in the presence of phorbol esters. (Ref.1-5)

Synonyms:

CR; CROM; DAF; TC