

## Product datasheet for **TA320286**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	143-30
Recommended Dilution:	Flow
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD55 molecule (Cromer blood group)
Database Link:	<a href="#">NP_000565</a> <a href="#">Entrez Gene 1604 Human</a> <a href="#">P08174</a>

**Background:** The 143-30 monoclonal antibody reacts with human CD55, the 64-73 kDa molecule also known as DAF (Decay-Accelerating Factor). CD55 is a GPI-anchored single chain glycoprotein expressed on all cells in contact with serum including all hematopoietic cells and vascular endothelium; a soluble form of CD55 is also present in plasma and body fluids. CD55 is thought to play a role in the protection of cells from the damage by autologous complement via prevention of the amplification steps of the complement cascade. Antibodies against CD55 are mitogenic in the presence of phorbol esters.

**Synonyms:** CR; CROM; DAF; TC

**Protein Families:** Druggable Genome

**Protein Pathways:** Complement and coagulation cascades, Hematopoietic cell lineage, Viral myocarditis



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