

## Product datasheet for **TA385983**

### CD55 Mouse Monoclonal Antibody [Clone ID: LU30]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	LU30
Applications:	ELISA, IHC, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, lambda
Clonality:	Monoclonal
Immunogen:	Human CD55.
Specificity:	The antibody binds to CD55 with a Kd of 13 nM.

The antibody binds specifically to CD55, a glycosphosphatidylinositol-anchored protein which acts together with CD46 and CD59 to protect cells from complement-mediated cell lysis. The antigen recognises C4b, C3 and C3b complement components, and, by blocking their catalytic activity, inhibits the formation of the membrane attack complex. CD55 is overexpressed in many tumour cell lines, thereby inhibiting complement-mediated cell lysis and increases tumour resistance to immune attacks.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD55 molecule (Cromer blood group)
Database Link:	<a href="#">Entrez Gene 1604 Human P08174</a>
Synonyms:	CR; CROM; DAF; TC
Note:	This chimeric mouse antibody was made using the variable domain sequences of the original Human format, for improved compatibility with existing reagents, assays and techniques.



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