

Mouse anti-CD55, clone F4-29D9 (Monoclonal)

Clone no. F4-29D9

MONOSAN

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Product name	Mouse anti-CD55, clone F4-29D9 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	human umbilical vein endothelial cells
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	F4-29D9
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

F4-29D9 reacts with CD55 or DAF (Decay Accelerating Factor). All leucocytes as well as human erythrocytes, fibroblasts, platelets, endothelial cells and neuroectodermal cells are positive for DAF. F4-29D9 also recognizes an antigen on spermatozoid cells. It is a glycosylphosphatidylinositol anchored (GPI-anchored) member of the membrane bound complement regulatory proteins that inhibit autologous complement cascade activation. CD55 also serves as receptor for CD97 and for echovirus and coxsackie B virus. DAF is deficient in both granulocytes and monocytes in patients with paroxysmal nocturnal haemoglobinuria.

**References**

1. Kishimoto T. et al., eds. Leukocyte Typing VI, p509-514, Garland Publishing, Inc,
2. B.E. Loveland - in Leukocyte Typing VI - Part 6 CD55 Workshop Panel Report p1
3. Ruix-Delgado, GJ et al, Hematology 14: 33-7 (2009)
4. -
5. -

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