

Mouse anti-CD59, clone 193-27 (Monoclonal)

Clone no. 193-27

MONOSAN

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Product name	Mouse anti-CD59, clone 193-27 (Monoclonal)
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Host	Mouse
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Applications	FC, IHC-fr, IF
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Species reactivity	human
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Conjugate	-
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Immunogen	stimulated human leucocytes
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Isotype	IgM-K
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Clonality	Monoclonal
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Clone number	193-27
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Size	100 ug
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Concentration	100 ug/ml
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Format	-
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Storage buffer	PBS with 0.02% sodium azide
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Storage until expiry date	2-8°C
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FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

CD59, or protectin, is a 18-22 kDa cell surface molecule on an GPI anchor. It regulates complement-mediated cell lysis and is supposed to protect normal and tumor cells from cytotoxic attack by homologous complement through binding to C8 and C9. CD59 is expressed on leucocytes, vascular epithelium, a variety of epithelial cells and placenta. B-cell express low levels. The expression of CD59 on erythrocytes is important for their survival. Genetic defects in GPI-anchor attachment, that cause a reduction or loss of CD59 and CD55 on erythrocytes produce the symptoms of the disease Paroxysmal nocturnal hemoglobinuria (PNH). 193-27 Was typed at the VIth International Workshop on human leucocyte differentiation antigens.

**References**

1. Kishimoto T. et al., eds. Leukocyte Typing VI, p509-514, Garland Publishing, Inc,
2. Shichishima T. et al. Br J Haematol, 85(2):378-386 (1993)
3. Navenot JM. et al. Transfusion 38(4):337-342 (1998)
4. Murray EW et al, J Biol Chem, 273(39):25279-25284 (1998)
5. -

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