

Mouse anti-CD19, clone LT19, FITC (Monoclonal)

Clone no. LT19

MONOSAN

Product name	Mouse anti-CD19, clone LT19, FITC (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	FITC
Immunogen	Daudi human Burkitt lymphoma cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	LT19
Size	100 tests
Concentration	n/a
Format	-
Storage buffer	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM 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

CD19 is a transmembrane glycoprotein of Ig superfamily expressed by B cells from the time of heavy chain rearrangement until plasma cell differentiation. It forms a tetrameric complex with CD21 (complement receptor type 2), CD81 (TAPA-1) and Leu13. Together with BCR (B cell antigen receptor), this complex signals to decrease B cell threshold for activation by the antigen. Besides being signal-amplifying coreceptor for BCR, CD19 can also signal independently of BCR coligation and it turns out to be a central regulatory component upon which multiple signaling pathways converge. Mutation of the CD19 gene results in hypogammaglobulinemia, whereas CD19 overexpression causes B cell hyperactivity.

References	1.	-
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