

## Mouse anti-CD19, clone CB19 (Monoclonal)

Clone no. CB19

MONOSAN

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Product name	Mouse anti-CD19, clone CB19 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human, mouse
Conjugate	-
Immunogen	human PBLs
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	CB19
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**

CB19 is specific for the antigen CD19. This antigen has a MW of 120 kDa and contains a 280 residue extracellular domain and a 240 residue cytoplasmic domain. It is a critical signal transduction molecule that regulates B-lymphocyte development, activation, and differentiation. It plays a dominant role in establishing signalling thresholds for antigen receptors and other surface receptors on B-lymphocytes. This antigen is lost upon terminal differentiation to plasma cells.

**References**

1. Deaglio, S., et. al. J Immunol. 160(1): 395-402 (1998)
2. -
3. -
4. -
5. -

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