

Mouse anti-CD19, clone MX016 (Monoclonal)

Clone no. MX016

MONOSAN

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Product name	Mouse anti-CD19, clone MX016 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:200-1:400)
Species reactivity	Human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MX016
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant containing 15mM 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**

CD 19 is expressed only on B-cells and follicular dendritic cells. It is a specific and sensitive marker of B-cells widely expressed from early pre-B stages, normal B-cells and normal plasma cells (staining is weaker than normal B-cells and a subpopulation may lack expression). It is considered a positive regulator of both intrinsic and stimulus-dependent pathways in B-lymphocytes. CD19 is useful in identification of B-cell lineage of majority of B-cell neoplasms but appears to be less useful in subclassifying of B-cell neoplasms in histological material. It appears to be potentially useful additional marker of follicular dendritic cell tumours.

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Tonsil or lymph node. Staining membranous

**References**

1. Kochenderfer J N, Dudley M E, Feldman S A, et al, Blood, 2012, 119(12): 2709-2
2. Masir N, Marafioti T, Jones M, et al, Histopathology, 2006, 48(3): 239-246.
3. -
4. -
5. -

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