

Mouse Anti-CD19 [MD77]: MC0394, MC0394RTU7

Intended Use: For Research Use Only

Description: CD19 is a pan B cell marker expressed in a wide range of maturational stages including pre B cells. CD19 labels the membrane of B cells in germinal centers including B cells and follicular dendritic cells, mantle zone cells and cells in the interfollicular areas. It is negative in plasma cells. CD19 is found in the majority of B cell-derived malignancies.

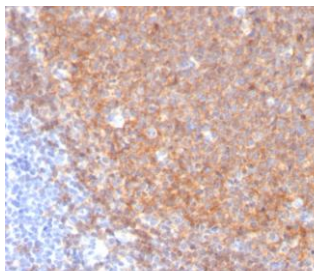
Specifications

Clone:	MD77
Source:	Mouse
Isotype:	IgG2b/k
Reactivity:	Human
Immunogen:	Recombinant fragment around aa96-281 of human CD19 protein
Localization:	Membrane
Formulation:	Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC, ELISA
Package:	

Description	Catalog No.	Size
CD19 Concentrated	MC0394	1 ml
CD19 Prediluted	MC0394RTU7	7 ml

IHC Procedure

Positive Control:	Lymph node, tonsil
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	30-60 minutes @ RT
Detection:	Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.	



FFPE human tonsil stained with anti-CD19 using DAB

References:

1. Immunophenotyping of chronic B-cell neoplasms: flow cytometry versus immunohistochemistry. Abdel-Ghafar AA, et al. Hematol Rep. Jan 2;4(1):e3, 2012.
2. Composite T lymphoblastic leukemia/lymphoma and diffuse large B-cell lymphoma: case report. Niino D, et al. Pathol Int. Jun;61(6):363-8, 2011.
3. Potent antitumor activity of the anti-CD19 auristatin antibody drug conjugate hBU12-vcMMAE against rituximab-sensitive and -resistant lymphomas. Gerber HP, et al. Kung-Sutherland M, et al. Blood. Apr 30;113(18):4352-61, 2009.
4. CD19 regulates B cell maturation, proliferation, and positive selection in the FDC zone of murine splenic germinal centers. Wang Y, et al. Immunity. Jun;22(6):749-61, 2005.