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DATA SHEET

Mouse Anti-CD22 [BLCAM/1795]: MC0252, MC0252RTU7

Intended Use: For Research Use Only

Description: CD22 is a type 1 integral membrane glycoprotein with molecular weight of 130 to 140kD. It is expressed in both the cytoplasm and cell membrane of B lymphocytes. CD22 antigen appears early in B cell lymphocyte differentiation at approximately the same stage as the CD19 antigen. Unlike other B cell markers, CD22 membrane expression is limited to the late differentiation stages comprised between mature B cells (CD22+) and plasma cells (CD22-). CD22 is also strongly expressed in hairy cell leukemia. There are two different isoforms of CD22. It exists predominantly as a monomer of the beta isoform but can also be found as a heterodimer composed of the beta isoform and a second, shorter isoform (CD22 alpha).

Specifications

Clone:	BLCAM/1795
Source:	Mouse
Isotype:	IgG1k
Localization:	Cytoplasm
Formulation:	Antibody in PBS pH7.4, containing BSA and ≤ 0.09% sodium azide (NaN3)
Storage:	Store at 2°- 8°C
Applications:	IHC, ELISA, Flow Cyt., IF, WB

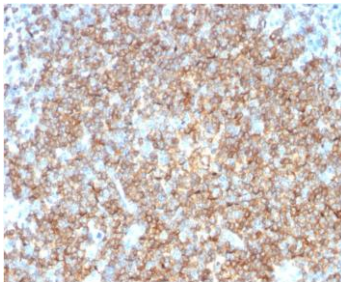
Package:

Description	Catalog No.	Size
CD22 Concentrated	MC0252	1 ml
CD22 Prediluted	MC0252RTU7	7 ml

IHC Procedure*

Positive Control Tissue:	lymph node
Concentrated Dilution:	50-200
Pretreatment:	Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using 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 spleen stained with anti-CD22 using DAB

References:

1. Update on hairy cell leukemia. Kreitman RJ, et al. Clin Adv Hematol Oncol. 2018.
2. Moxetumomab pasudotox in relapsed/refractory hairy cell leukemia. Kreitman RJ,et al. Leukemia. 2018.
3. Anti-CD22 and anti-CD79B antibody drug conjugates are active in different molecular diffuse large B-cell lymphoma subtypes. Pfeifer M, et al. Leukemia. 2015.

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