

Product datasheet                      MON9930

**MONOSAN**<sup>®</sup>

Mouse anti-CD20, clone 109-3C2 (Monoclonal)

Clone no.                      109-3C2

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Product name                      Mouse anti-CD20, clone 109-3C2 (Monoclonal)

Host                                      Mouse

Applications                      FC, IHC-fr, FUNC

Species reactivity                      human

Conjugate                              -

Immunogen                      stimulated human leucocytes

Isotype                                  IgG3-K

Clonality                              Monoclonal

Clone number                      109-3C2

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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Revision date  
22-12-2021

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**Additional info**

109-3C2 binds with CD20 which is a 30/33 kDa non-glycosylated transmembrane phosphoprotein with three extensive hydrophobic regions. CD20 is involved in regulation of B-cell activation. It is expressed on the surface of all B-cells beginning at the pro-B phase (CD45R+, CD117+) and progressively increasing in concentration until maturity. Plasma cells are negative. CD20 is retained on many B-cell malignancies. CD20 positive cells are also sometimes found in cases of Hodgkin's disease, myeloma, and thymoma. 109-3C2 has been clustered at IVth and Vth HLDA Workshops.

**References**

1. Knapp W. Leukocyte Typing IV, Oxford Univ. Press, (1989)
2. Schlossman SF et al. Leukocyte Typing V Oxford University Press: 342-352 (199
3. -
4. -
5. -

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