

Mouse anti-CD21, C3d Receptor, clone 4C5 (Monoclonal)

Clone no. 4C5

MONOSAN

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Product name	Mouse anti-CD21, C3d Receptor, clone 4C5 (Monoclonal)
Host	Mouse
Applications	IHC-fr (1:20-1:50), IF, FC (1:50)
Species reactivity	human
Conjugate	-
Immunogen	fragments human tonsil
Isotype	IgG2a
Clonality	Monoclonal
Clone number	4C5
Size	1 ml
Concentration	60 ug/ml
Format	-
Storage buffer	serum with 0.1% 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**

A BALB/c mouse was immunized subcutaneously in its footpads with fragments of a human tonsil. After fusing the lymphocytes from the popliteal lymph nodes of this mouse with murine SP2/0 myeloma cells, the antibody producing cells were selected on their immunohistochemical staining pattern. Later on the antibody was biochemically analysed and revealed to recognize the CD21 molecule (140kD) by immunoprecipitation procedures. This antibody reacts with the CD21 (140kD) molecule, expressed (moderate) on mature B-cells and (at high density) on follicular dendritic cells (FDC).

**References**

1. Abo T et al. J of Immunol 1981; 127: 1024
2. Jaspars et al. Histopathol 1994
3. -
4. -
5. -

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