

Mouse anti-CD21, clone 2G9 (monoclonal)

Clone no. 2G9

MONXtra

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Product name	Mouse anti-CD21, clone 2G9 (monoclonal)
Host	Mouse
Applications	IHC-P (1:80)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to the external domain of the human CD21 molecule.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	2G9
Size	1 ml
Concentration	Greater than or equal to 326 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 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**

CD21 antigen is a type I integral membrane glycoprotein of molecular weight 140 kD, which functions as the receptor for the C3d fragment of the third complement component. The CD21 molecule, present on mature B cells, is involved in transmitting growth-promoting signals to the interior of the B cell and acts as a receptor for Epstein-Barr virus. CD21 antigen is reported to be found in B cell chronic lymphocytic leukemias and in a subset of T cell acute lymphocytic leukemias but is absent on T lymphocytes, monocytes and granulocytes. CD21 antigen is also reported to be expressed in follicular dendritic cells and in follicular and mantle cell lymphomas, mature leukemias and lymphomas.

**References**

1. Dupin N et al. Proceedings of the National Academy of Sciences USA. 1999; 96
2. -
3. -
4. -
5. -

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