

Product datasheet for **TA355249**

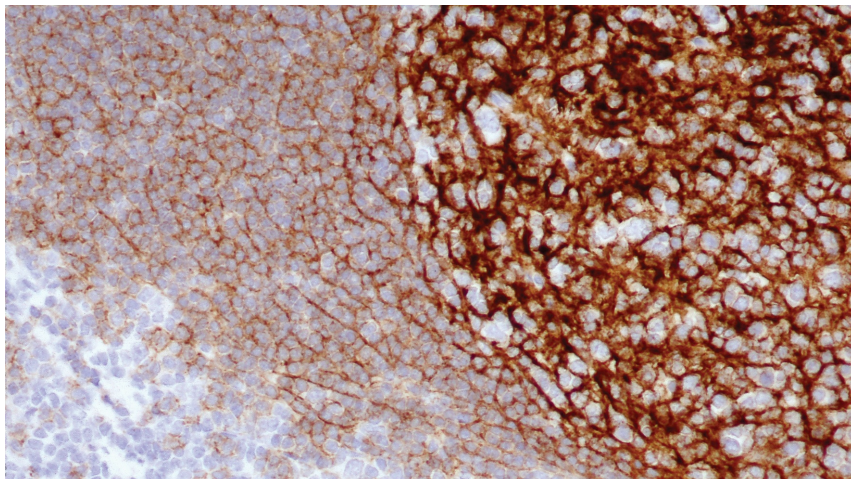
CD21 (CR2) Mouse Monoclonal Antibody [Clone ID: 2G9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2G9
Applications:	IHC
Recommended Dilution:	1:80
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to the external domain of the human CD21 molecule
Specificity:	Human CD21 molecule
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	complement component 3d receptor 2
Database Link:	Entrez Gene 1380 Human P20023
Background:	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.
Synonyms:	C3DR; CD21; SLEB9



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Product images:

Human tonsil: immunohistochemical staining for CD21 antigen. Note intense membrane staining of follicular dendritic cells. CD21: clone 2G9