

Product datasheet for **AM05578PU-N**

CD21 (CR2) Mouse Monoclonal Antibody [Clone ID: Bu33]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Bu33
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1/50 - 1/200.
Reactivity:	Equine, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises CD21.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN ₃) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	complement component 3d receptor 2
Database Link:	Entrez Gene 1380 Human P20023
Background:	CD21 is a 145kD cell surface glycoprotein expressed by mature B lymphocytes, follicular dendritic cells, subsets of normal thymocytes and subsets of T cells. The CD21 molecule acts as a receptor for CD23, for complement components C3d, C3dg and iC3b and for Epstein Barr Virus. CD21 is part of the signalling complex that is linked to CD19, CD81 and phosphatidylinositol-3-kinase.
Synonyms:	Complement receptor type 2, CR2, C3DR, C3d receptor, EBV Receptor, Dendritic Cell Marker



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