

Product datasheet for **BM2364**

CD35 (CR1) Mouse Monoclonal Antibody [Clone ID: J3D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	J3D3
Applications:	FC, FN, IHC
Recommended Dilution:	Mechanism of degradation of C3b and Analysis of Lymphoid and Myeloid differentiation: Clone J3D3 is a blocking antibody. It inhibits CR1 mediated decay of cells and blocks C3b dependent rosette formation with Lymphocytes. Fluorescence Microscopy or Flow Cytometry: 2 µg/5x10 ⁶ cells/test. Immunohistochemistry: 1/25-1/50. Suitable on Frozen sections or cell smears, and on Bouin's fixed, Paraffin-embedded tissues.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified C3b receptor from Human red blood cells.
Specificity:	Reacts with CD35 also known as C3b Receptor (CR1).
Formulation:	PBS State: Azide Free State: Lyophilized purified Ig fraction. Stabilizer: 1 mg/ml BSA Preservative: None
Reconstitution Method:	Restore with 1 ml of distilled water.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Gene Name:	complement component 3b/4b receptor 1 (Knops blood group)
Database Link:	Entrez Gene 1378 Human P17927
Background:	This gene encodes a membrane glycoprotein found on peripheral blood cells, glomerular podocytes, and follicular dendritic cells. The protein is a receptor for complement components C3b and C4b and regulates the activity of the complement cascade. Variation in this protein is the basis of the Knops blood group system. The two most common alleles, F and S, differ by 8 exons and are thought to be the result of an unequal crossover event. A secreted form of the protein present in plasma has been described, but its full length nature has not been determined.
Synonyms:	Complement receptor type 1, CR1, C3b/C4b receptor