

Product datasheet for **AM01058PU-N**

CD19 Mouse Monoclonal Antibody [Clone ID: Bu12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Bu12
Applications:	FC, IP
Recommended Dilution:	Immunoprecipitation. Flow Cytometry: 1/50 - 1/200; Use 10 µl of the suggested working dilution to label 1x10e6 cells in 100 µl.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human EB-4 Burkitt lymphoma cell line
Specificity:	This antibody recognises CD19, a 95kD cell surface glycoprotein.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide State: Purified State: Liquid Ig purified
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:	CD19 molecule
Database Link:	Entrez Gene 930 Human P15391
Background:	CD19 is expressed on cells of the B cell lineage and follicular dendritic cells but absent on plasma cells. CD19 is an important signal transduction molecule which is involved in the regulation of B lymphocyte development, activation and differentiation.



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Synonyms: Leu-12, B-cell marker