

Product datasheet for **AM06431SU-N**

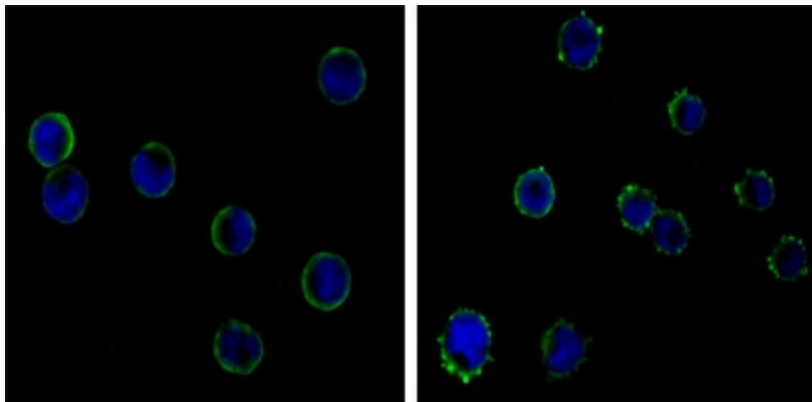
CD19 Mouse Monoclonal Antibody [Clone ID: 2E2]

Product data:

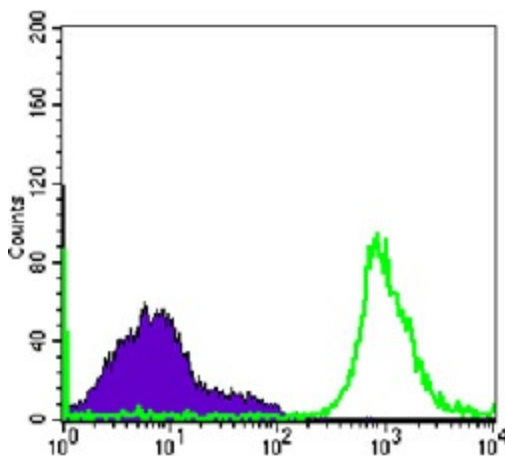
Product Type:	Primary Antibodies
Clone Name:	2E2
Applications:	FC, IF
Recommended Dilution:	Immunofluorescence: 1/200 - 1/1000. Flow cytometry: 1/200 - 1/400. ELISA: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human CD19 expressed in E. Coli.
Specificity:	This antibody reacts to CD19.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
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.
Predicted Protein Size:	61 kDa
Gene Name:	CD19 molecule
Database Link:	Entrez Gene 930 Human P15391
Background:	The CD19 antigen (95kDa) is expressed from the earliest stage of B progenitor development, on all peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro inhibition will influence B cell activation and proliferation.
Synonyms:	Leu-12, B-cell marker



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Product images:

Immunofluorescence analysis of HL-60 (left) and K562 (right) cells using CD19 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Raji cells using CD19 mouse mAb (green) and negative control (purple).