

Product datasheet for **TA320241**

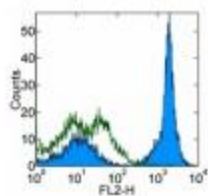
Cd19 Rat Monoclonal Antibody [Clone ID: eBio1D3 (1D3)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	eBio1D3 (1D3)
Applications:	FC
Recommended Dilution:	Flow, IHC, Functional Assay, IP
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD19 antigen
Database Link:	NP_033974 Entrez Gene 12478 Mouse P25918
Background:	The eBio1D3 monoclonal antibody reacts with mouse CD19, a 95 kDa transmembrane glycoprotein. CD19 is expressed by B cells during all stages of development excluding the terminally differentiated plasma cells. Follicular dendritic cells also express CD19. Together CD21, CD81, MHC class II, and CD19 form a multimolecular complex that associates with the BCR. Signaling through CD19 induces tyrosine phosphorylation, calcium flux and proliferation of B cells.
Synonyms:	B4; Leu-12; MGC12802



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Product images:

Staining of C57Bl/6 splenocytes with 0.25 ug of Rat IgG2a Isotype Control Purified (open histogram) or 0.25 ug of Anti-Mouse CD19 Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Cells in the lymphocyte gate were used for analysis.