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[Primary Antibody]

Mouse Anti-CD19 antibody

Catalog Number: SLM-60283M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	G9C11
Target:	CD19
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt=1:100-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Subcellular Location:	cytoplasmic
Background:	Acts as a co-receptor for the B cell antigen receptor complex (BCR) on B lymphocytes, and can lower the threshold for activation of downstream signaling pathways and triggering of B cell responses to antigens. Can activate signaling pathways for phosphatidylinositol 3-kinase activation and intracellular calcium stores. Also required for normal differentiation of B-1 cells. Necessary for normal levels of serum immunoglobulins and for the production of high-affinity antibodies in response to antigen challenge.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.