

CD19 (B-Lymphocyte Marker) Antibody

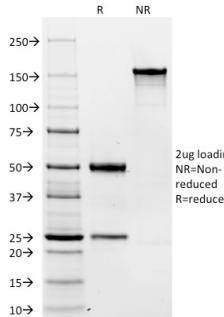
Mouse Monoclonal Antibody [Clone C19/366]

Catalog No	Format	Size
930-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
930-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
930-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Product Details		
Clone	C19/366	
Gene Name	CD19	
Immunogen	Recombinant full-length human CD19 protein	
Host	Mouse	
Clonality	Monoclonal	
Isotype / Light Chain	IgG1 / Kappa	
Mol. Weight of Antigen	95kDa	
Cellular Localization	Cell membrane, Membrane raft	
Species Reactivity	Human	
Positive Control	lymph node or spleen., Tonsil	

*Optimal dilution for a specific application should be determined.

Product Images for CD19 (B-Lymphocyte Marker) Antibody



SDS-PAGE Analysis of Purified CD19 Mouse Monoclonal Antibody (Clone C19/366). Confirmation of Integrity and Purity of Antibody.

Specificity & Comments

CD19 is a transmembrane glycoprotein that contains two extracellular immunoglobulin-like domains. CD19 is present in both benign and malignant B-cells and is considered to be the most reliable surface marker of this lineage over a wide range of maturational stages. In normal lymphoid tissue, CD19 is observed in germinal centers, in mantle zone cells, and in scattered cells of the inter-follicular areas. Anti-CD19 exhibits an overall immunoreactivity pattern similar to those of the antibodies against CD20 and CD22. However, in contrast to CD20, expression of CD19 is continuous throughout B-cell development and through terminal differentiation of B-cells into plasma cells. Anti-CD19 positivity is seen in the vast majority of B-cell neoplasms commonly at a lower intensity than normal B-cell counterparts. Plasma cell neoplasms are nearly always negative, as are T-cell neoplasms.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

B Cell Markers, Cardiovascular, Complement System, Hematopoietic Stem Cells, Immune checkpoint, Immunology, Infectious Disease, Mesenchymal Stem Cell Differentiation, Signal Transduction