

Mouse anti-Human CD19 Monoclonal Antibody | anti-CD19 antibody

CD19

CATALOG # AAA59271	HOST Mouse	REACTIVITY Human
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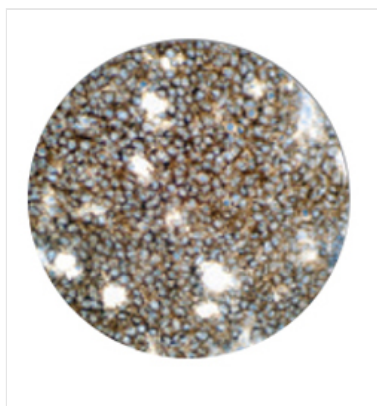
PRODUCT SYNONYMS

CD19; Monoclonal Antibody; anti-CD19 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1/K
Clone Number	MRQ-36
Form/Format	CD19 is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Tonsil, Lymph Node
Localization	Membranous
Reactivity Note	Paraffin, Frozen
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:50-1:200	0.1 ml
Concentrated	1:50-1:200	0.5 ml
Concentrated	1:50-1:200	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CD19 antibody	CD19 is a human protein encoded by the CD19 gene. CD19 is expressed on follicular dendritic cells and B-cells; it is present on B-cells from earliest recognizable B-lineage cells during development to B-cell blasts, but is lost on maturation to plasma cells. In normal lymphoid tissue, CD19 is observed in germinal centers (on both B-cells and follicular dendritic cells), in mantle-zone cells, and in scattered cells in the interfollicular areas, with an overall immunoreactivity pattern similar to that of CD20 and CD22. However, in contrast to CD20, CD19 is also expressed in pre-B-cells. CD19 positivity is seen in the vast majority of B-cell neoplasms (B-Lymphoblastic Lymphoma, Small Lymphocytic Lymphoma/CLL, Mantle Cell Lymphoma, Follicular Lymphoma, Burkitt's Lymphoma, Marginal Zone Lymphoma, Diffuse Large B-cell Lymphoma, T-cell-rich B-cell Lymphoma, Lymphoblastic Lymphoma, Hairy Cell Leukemia), and commonly at a lower intensity than normal B-cell elements. Plasma cell neoplasms are consistently negative, as are T-cell neoplasms. CD19 expression is not seen in Reed-Sternberg cells of classic Hodgkin's Disease.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	901823
NCBI GeneID	930
UniProt Accession #	P15391; Q96S68; Q9BRD6; A0N0P9; Q6ZNU2; Q71UW0
Molecular Weight	61,128 Da
NCBI Official Full Name	CD19
NCBI Official Synonym Full Names	CD19 molecule
NCBI Official Symbol	CD19
NCBI Official Synonym Symbols	B4; CVID3; MGC12802
NCBI Protein Information	B-lymphocyte antigen CD19; OTTHUMP00000122551; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4
UniProt Protein Name	B-lymphocyte antigen CD19
UniProt Gene Name	CD19
UniProt Entry Name	CD19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.