

36-1890: Monoclonal Antibody to CD20 / MS4A1 (B-Cell Marker)(Clone : L26)(Discontinued)

Clonality :	Monoclonal
Clone Name :	L26
Application :	IHC,FACS,IF
Reactivity :	Human,Baboon, Monkey
Gene :	MS4A1
Gene ID :	931
Uniprot ID :	P11836
Format :	T.C. Sup.
Alternative Name :	MS4A1,CD20
Isotype :	Mouse IgG2a
Immunogen Information :	Human tonsil B cells

Description

Recognizes a protein of 30-33kDa, which is identified as CD20. Its epitope is located in the cytoplasmic domain of CD20 and was, therefore, ascribed as CD20cy in the 5th Workshop. CD20 is a non-Ig differentiation antigen of B-cells and its expression is restricted to normal and neoplastic B-cells, being absent from all other leukocytes and tissues. CD20 is expressed by pre B-cells and persists during all stages of B-cell maturation but is lost upon terminal differentiation into plasma cells. This MAb can be used for immunophenotyping of leukemia and malignant cells, B lymphocyte detection in peripheral blood and B cell localization in tissues. It reacts with the majority of B-cells present in peripheral blood and lymphoid tissues and their derived lymphomas. In lymphoid tissue, germinal center blasts and B-immunoblasts are particularly reactive. It is a reliable antibody for ascribing a B-cell phenotype in known lymphoid tissues. Rarely, CD20-positive T-cell lymphomas have been reported. Reactivity has also been noted with Reed-Sternberg cells in cases of Hodgkin's disease, particularly of lymphocyte predominant type.

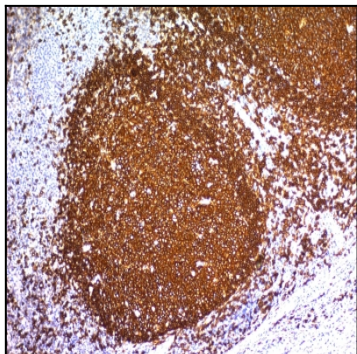
Product Info

Amount :	0.5 ml
Content :	Tissue culture supernatant with 0.05% Azide.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

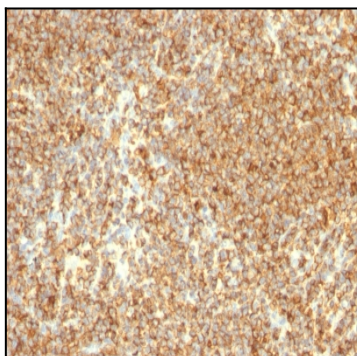
Application Note

Does not react with cow,Dog,Pig, Rat.

Flow Cytometry (2-5ul/million cells in 0.1ml); Immunofluorescence (1:100-1:200); Immunohistology (Formalin-fixed) (1:100-1:200 for 30 minutes at RT); (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes); Optimal dilution for a specific application should be determined.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD20 Monoclonal Antibody (L26)



Formalin-fixed, paraffin-embedded human Lymphoma stained with CD20 Monoclonal Antibody (L26)