

Product Datasheet

CD19 Antibody (Biotin) (orb43920)

Catalog Number	orb43920
Category	Antibodies
Description	Mouse Monoclonal to CD19.
Target	CD19
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Biotin
Reactivity	Human
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Immunogen	Daudi human Burkitt lymphoma cell line
UniProt ID	P15391
RRID	AB_10994216
Tested applications	FC, IP
Application notes	Flow cytometry: Recommended dilution: 3-5 µg/ml.

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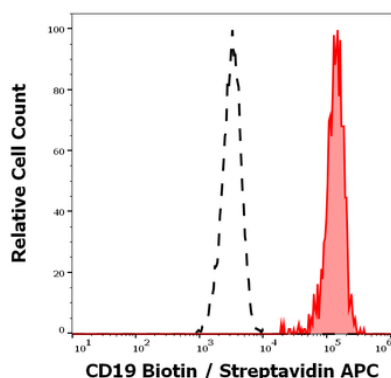
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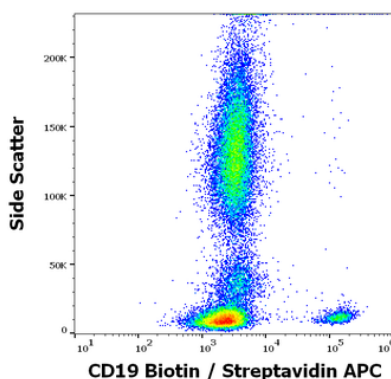
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Specificity	The antibody LT19 reacts with an extracellular epitope of CD19 (B4), a 95 kDa type I transmembrane glycoprotein (immunoglobulin superfamily) expressed on B lymphocytes and follicular dendritic cells; it is lost on plasma cells.
Antibody Type	Primary Antibody
Clone Number	LT19
Storage	Store at 2-8°C. Do not freeze.
Note	For research use only
Entrez	930
Expiration Date	12 months from date of receipt.



Separation of human CD19 positive B cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD19 (LT19) biotin antibody (concentration in sample 1.67 µg/ml, Streptavidin APC).



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD19 (LT19) biotin antibody (concentration in sample 1.67 µg/ml, Streptavidin APC).

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