

Technical Data Sheet

Product	<b>Anti-Hu CD19 Biotin</b>	
Cat. Number/Size	<b>1B-305-C025</b>	<b>0.025 mg</b>
	<b>1B-305-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	CD19
Clone	LT19
Format	Biotin
Reactivity	Human
Application	FC (QC tested), IP
Application details	Flow cytometry: Recommended dilution: 3-5 µg/ml.
Isotype	Mouse IgG1
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.
Other names	B4, Leu-12, CVID3
Workshop	HLDA X
Immunogen	Daudi human Burkitt lymphoma cell line
Entrez Gene ID	930
Gene name	CD19
NCBI Full Gene Name	CD19 molecule
UniProt ID	P15391

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Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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