

Anti-Human CD19 PE-Cyanine 7 Antibody (HIB19)

CATALOG NO:	A1585-25 A1585-100	25 tests 100 tests
ALTERNATIVE NAMES:	B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12	
FORMAT/CONJUGATE:	PE-Cyanine 7	
HOST/ISOTYPE:	Mouse IgG1, kappa	
CLONALITY:	Monoclonal	
CLONE:	HIB19	
SPECIES REACTIVITY:	Human	
PURIFICATION:	Affinity chromatography. Unreacted dye was removed from the product.	
FORM:	Liquid	
FORMULATION:	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.	
STORAGE CONDITIONS:	The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze	
DESCRIPTION:	The HIB19 monoclonal antibody reacts with a human 95 kDa transmembrane glycoprotein known as CD19, which is expressed by B lymphocytes during all the developmental stages, except for the terminally differentiated plasma cells. CD19 is also expressed on follicular dendritic cells, and seems to ensure the regulation of B lymphocytes proliferation. CD19, CD21, CD81, MHC class II, and Leu13 can bind together and form a complex which associates with the B cell receptor (BCR) on the surface of B lymphocytes and facilitates the signal transduction.	
APPLICATION:	Flow Cytometry (Cell Surface): 5 µl (0.25 ug)/1x10 ⁶ cells per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 µL.	
	Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.	

RELATED PRODUCTS:

- Human CellExp™ CD19, Human recombinant (**Cat. No. 9246**)
- CD19 (Mouse) ELISA Kit (**Cat. No. E4560**)
- CD3 FITC Monoclonal Antibody (Clone OKT3) (**Cat. No. 6952**)
- CD3d Antibody (**Cat. No. 6936**)
- Anti-CD3E Antibody (**Cat. No. A1386**)
- Anti-CD3e Antibody (C3e/1308) (**Cat. No. A1523**)
- CD4 FITC Monoclonal Antibody (Clone RPA-T4) (**CAT. No. 6953**)
- CD4 Antibody (**CAT. No. 6937**)
- Anti-CD4 (Clenoliximab), Human IgG4 Antibody (**CAT. No. A1091**)
- Anti-CD45RO Antibody (Clone UCHL-1) (**Cat. No. A1542**)

FOR RESEARCH USE ONLY! Not to be used on humans.