

**Purified Anti-human CD20 Antibody \*HI47\***

Catalog number: 10200000

Unit size: 100 ug

**Product Details**

Storage Conditions	2-8°C with minimized light exposure. Do not freeze.
Expiration Date	12 months upon receiving
Concentration	0.5 mg/mL
Formulation	Phosphate-buffered saline (PBS, pH 7.2), 0.09% sodium azide

**Antibody Properties**

Species Reactivity	Human
Class	Primary
Clonality	Monoclonal
Host	Mouse
Isotype	Mouse IgG3
Immunogen	CD20 (Bp35, B1)
Clone	HI47

**Biological Properties**

Appearance	Liquid
Preparation	Antibody purified by affinity chromatography
Application	Flow Cytometry (FACS), ELISA, HC, Western Blot

**Applications**

HI47 is an anti-human monoclonal antibody that recognizes the CD20 antigen. CD20 (alternatively called Leukocyte surface antigen Leu-16) is a 33 - 37 kD transmembrane protein that is located on the surface of cells such as B cells and T cells. CD20 is a member of critical cellular pathways, in particular, the B cell receptor signaling pathway. From a research standpoint, it is of biological interest due to its association with essential macromolecules/ligands like lyn. CD20 is a very popular antibody target, with over 28000 publications in the last decade. CD20 has been widely used in immunology and costimulatory molecules research, often serving as a phenotypic marker for differentiating cell types in flow cytometric applications. This antibody was purified through affinity chromatography.