

## Datasheet

### CD19 monoclonal antibody, clone HIB19 (PE-Cyanine7)

**Catalog Number:** MAB13836

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against human CD19.

**Clone Name:** HIB19

**Immunogen:** Purified CD19 from human tonsil.

**Host:** Mouse

**Theoretical MW (kDa):** 90-95

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Conjugation:** PE-Cyanine7

**Purification:** Protein A/G purification

**Purity:** >90%

**Isotype:** IgG1, kappa

**Recommend Usage:** Flow Cytometry (20  $\mu$ L/ $10^6$  cells)  
Immunohistochemistry (Frozen sections)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).

**Storage Instruction:** Store in the dark at 4°C. Avoid prolonged exposure to light.

**Entrez GeneID:** 930

**Gene Symbol:** CD19

**Gene Alias:** B4, MGC12802

**Gene Summary:** Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq]