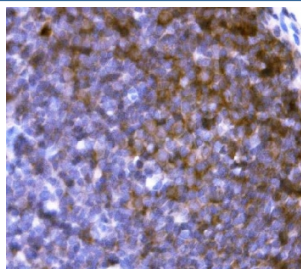


Cd19 Antibody (RQ7965)

Catalog No.	Formulation	Size
RQ7965	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	F1LNH2
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Cd19 antibody is available for research use only.



IHC staining of FFPE rat lymph node tissue with Cd19 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

B-lymphocyte antigen CD19, also known as CD19 (Cluster of Differentiation 19), is a protein that in humans is encoded by the CD19 gene. It is found on the surface of B-cells, a type of white blood cell. 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. The CD19 gene encodes a cell surface molecule that assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

Application Notes

Optimal dilution of the Cd19 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant rat protein (amino acids D89-L420) was used as the immunogen for the Cd19 antibody.

Storage

After reconstitution, the Cd19 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.