Recombinant DGRmAb®

CD19 (DGR11186) Rabbit mAb (PBS Only)

db16062-PBS **Package : 10μg 100μg**

Product Name : CD19 (DGR11186) Rabbit mAb (PBS Only)
Cat.No.: db16062-PBS
Synonyms : B4; CVID3
Application : WB, IHC, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

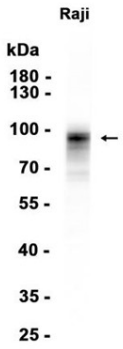
Background	Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human CD19
Gene ID	930
Swiss Prot	P15391
Synonyms	B4; CVID3
Reactivity	Human
Application	WB, IHC, ICC/IF, FC
Calculated MW	61 kDa
Observed MW	90 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11186
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL

Formulation

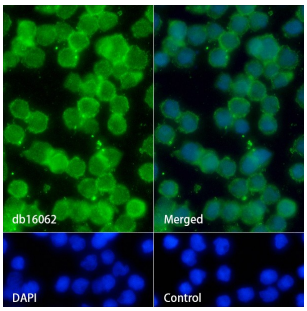
PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Raji cells using db16062 at 1:1000.



Immunofluorescence analysis of Raji cells labelling CD19 with db16062.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db16062 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.