Recombinant DGRmAb®

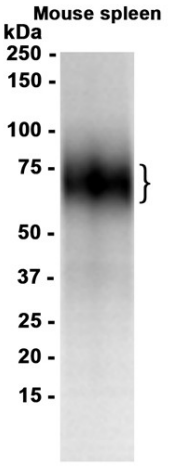
CD19 (DGR33093) Rabbit mAb (PBS Only)

db12393-PBS **Package : 10μg 100μg**

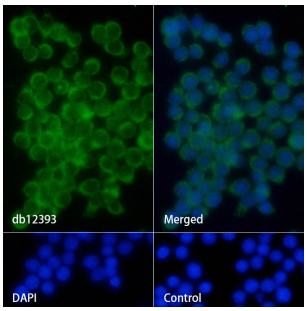
Product Name : CD19 (DGR33093) Rabbit mAb (PBS Only)
Cat.No.: db12393-PBS
Synonyms : Differentiation antigen CD19; B-lymphocyte antigen CD19; CD19 antigen
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Mouse
Host species : Rabbit

Background	Involved in several processes, including B-1 B cell differentiation; positive regulation of phosphatidylinositol 3-kinase activity; and positive regulation of release of sequestered calcium ion into cytosol. Acts upstream of or within B cell receptor signaling pathway. Located in external side of plasma membrane. Is integral component of plasma membrane. Is expressed in liver and spleen. Human ortholog(s) of this gene implicated in common variable immunodeficiency. Orthologous to human CD19 (CD19 molecule). [provided by Alliance of Genome Resources, Apr 2022]
Immunogen	Recombinant protein of mouse CD19
Gene ID	12478
Swiss Prot	P25918
Synonyms	Differentiation antigen CD19; B-lymphocyte antigen CD19; CD19 antigen
Reactivity	Mouse
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	60 kDa
Observed MW	60-95 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR33093
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 Mouse spleen tissue using db12393 at 1:1000.



Immunofluorescence analysis of RAW 264.7 cells labelling CD19 with db12393.

The cells were fixed with cold 100% methanol (10min, 4℃) 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 db12393 (1:50) 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.