

For Research Use Only

Anti-Pig CD19 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98714-2-PBS



Basic Information

Catalog Number: 98714-2-PBS	GenBank Accession Number: XM_013995590.1	Purification Method: Protein A purification
Size: 1mg, 3 mg/ml	GeneID (NCBI): 397669	CloneNo.: 252413E3
Source: Rabbit	UNIPROT ID: A0A8D0M7A3	
Isotype: IgG	Full Name: CD19 molecule	
Immunogen Catalog Number: EG7132	Calculated MW: 63 kDa	

Applications

Tested Applications:
FC

Species Specificity:
pig

Background Information

CD19 is a type I transmembrane glycoprotein belonging to the immunoglobulin superfamily (PMID: 2472450). It is expressed by B cells and follicular dendritic cells. CD19 is up-regulated at the step of B-lineage commitment during the differentiation of the hematopoietic stem cell, it remains on during subsequent stages of differentiation until finally down-regulated during terminal differentiation into plasma cells (PMID: 8528044). CD19 is involved in B cell development, activation and differentiation. It is the dominant component for the signaling complex on B cells that includes CD21 (CR2), CD81 (TAPA-1) and CD225 and acts as a critical co-receptor for BCR signal transduction (PMID: 23210908).

Storage

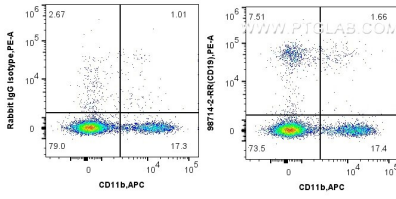
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

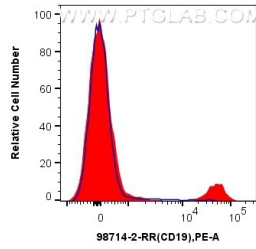
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ pig PBMCs were surface stained with 0.25 ug Anti-Pig CD19 Rabbit RecAb (98714-2-RR, Clone: 252413E3) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD11b (M1/70). Cells were not fixed. This data was developed using the same antibody clone with 98714-2-PBS in a different storage buffer formulation.



1x10⁶ pig PBMCs were surface stained with 0.25 ug Anti-Pig CD19 Rabbit RecAb (98714-2-RR, Clone: 252413E3) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98714-2-PBS in a different storage buffer formulation.