For Research Use Only

## Anti-Mouse CD3 (17A2)

Catalog Number:65077-1-Ig



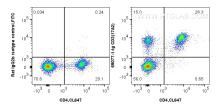
Basic Information	Catalog Number: 65077-1-lg	GenBank Accession Number: BC098236	Purification Method: Affinity purification
	Size: 500ug, 0.5 mg/mL	GenelD (NCBI): 12501	CloneNo.: 17A2
	Source: Rat	UNIPROT ID: P22646	
	Isotype: IgG2b, kappa	Full Name: CD3 antigen, epsilon polypeptide	2
Applications	Tested Applications: FC		
	Species Specificity: Mouse		
Background Information	CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3 $\gamma$ , $\delta$ , $\epsilon$ , and $\zeta$ chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, and some NK cells (PMID: 3289580). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).		
Storage	Storage: Store at 2-8°C. Stable for one yea Storage Buffer: PBS with 0.09% sodium azide.	r after shipment.	

 For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10^6 C 57BL/6 mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD3 (17A2) (65077-1-lg, Clone:17A2) or 0.5 ug Rat IgG2b Isotype Control (LTF-2) (65211-1-lg, Clone: LTF-2) and FITC anti-Rat IgG2b Antibody, and 0.5 ug Cora Lite® Plus 647 Anti-Mouse CD4 (GK1.5) (CL647-65104, Clone: GK1.5). Cells were not fixed.