

Product Data Sheet

Anti-CD3 Antibody-PE labeled

Catalog #	Source	Reactivity	Applications
CFF8766	Rat	M	IF, FC
Description	Rat monoclonal antibody PE labled to CD3		
Immunogen	γδTCR-positive T-T hybridoma D1		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes mouse CD3		
Clonality	Monoclonal (clone: 17A2)		
Conjugation	PE		
Form	Rat IgG2b kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 μl / assay		
Gene Symbol	CD3E; CD3G		
Alternative Names	T3E; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e; T3G; T-cell surface glycoprotein CD3 gamma chain; T-cell receptor T3 gamma chain; CD3g		
Entrez Gene	12501, 12502 (Mouse)		
SwissProt	P22646, P11942 (Mouse)		
Directions for Use	<div>1. Take 100 μl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.</div> <div>2. Add 10 μl labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light.</div> <div>3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells.</div> <div>4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the</div>		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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supernatant.

5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation for 5 minutes, discard the supernatant.

6. Add 0.5 ml PBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured).

Storage/Stability

Shipped and store at 4°C for one year. Do not freeze.

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