For research purposes only, not for human use

Product Data Sheet

Anti-CD3 Antibody-APC/Cy7 labled

Catalog #	Source	Reactivity	Applications
CFD8514	Mouse	H	IF, FC

Description	Mouse monoclonal antibody APC/Cy7 labled to CD3
Immunogen	Native purified human CD3.
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes human CD3
Clonality	Monoclonal (clone: OKT3)
Conjugation	APC/Cy7
Form	Mouse IgG2a. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Dilution	10 µl / assay
Gene Symbol	CD3D; CD3E; CD3G; CD247
Alternative Names	T3D; T-cell surface glycoprotein CD3 delta chain; T-cell receptor T3 delta chain; CD antigen CD3d; T3E; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD antigen CD3e; T3G; T-cell surface glycoprotein CD3 gam
Entrez Gene	915, 916, 917, 919 (Human)
SwissProt	P04234, P07766, P09693, P20963 (Human)
Directions for Use	1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube. 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. 3. Add 2 ml RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells.

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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4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the 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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