For research purposes only, not for human use

Product Data Sheet

Anti-CD8a Antibody-PE/Cy7 labled

Catalog #	Source	Reactivity	Applications
CFI8770	Rat	M	IF, FC

Description	Rat monoclonal antibody PE/Cy7 labled to CD8a
Immunogen	Mouse thymus or spleen
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes mouse CD8a
Clonality	Monoclonal (clone: 53-6.7)
Conjugation	PE/Cy7
Form	Rat IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Dilution	10 µl / assay
Gene Symbol	CD8A
Alternative Names	MAL; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a
Entrez Gene	12525 (Mouse)
SwissProt	P01731 (Mouse)
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. 4. Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant.

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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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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