

Anti-CD45 Antibody-PE/Cy5 labeled

Catalog #	Source	Reactivity	Applications
CFG8801	Rat	M	IF, FC
Description	Rat monoclonal antibody PE/Cy5 labeled to CD45		
Immunogen	Mouse thymus or spleen		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes mouse CD45		
Clonality	Monoclonal (clone: I3/2.3)		
Conjugation	PE/Cy5		
Form	Rat IgG2b lambda. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	CD45		
Alternative Names	CD45; Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; L-CA; T200; CD45		
Entrez Gene	19264 (Mouse)		
SwissProt	P06800 (Mouse)		
Directions for Use	<ol style="list-style-type: none"> 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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Product Data Sheet

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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