

Anti-CD7 Antibody-PE/Cy7 labeled

Catalog #	Source	Reactivity	Applications
CFI8551	Mouse	H	IF, FC
Description	Mouse monoclonal antibody PE/Cy7 labeled to CD7		
Immunogen	Native purified human CD7.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human CD7		
Clonality	Monoclonal (clone: CD7-6B7)		
Conjugation	PE/Cy7		
Form	Mouse IgG2a kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	CD7		
Alternative Names	T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD antigen CD7		
Entrez Gene	924 (Human)		
SwissProt	P09564 (Human)		
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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