

# Product Data Sheet

## Anti-CD37 Antibody-PE labeled

Catalog #	Source	Reactivity	Applications
CFF8522	Mouse	H	IF, FC
Description	Mouse monoclonal antibody PE labled to CD37		
Immunogen	Native purified human CD37.		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes human CD37		
Clonality	Monoclonal (clone: IPO-24)		
Conjugation	PE		
Form	Mouse IgG2b. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	CD37		
Alternative Names	TSPAN26; Leukocyte antigen CD37; Tetraspanin-26; Tspan-26; CD antigen CD37		
Entrez Gene	951 (Human)		
SwissProt	P11049 (Human)		
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 supernatant.</div> <div>5. Add 2 ml PBS wash buffer to resuspend the cells, then 1000 rpm centrifugation</div>		
<b>Application key:</b> 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			
<b>Species reactivity key:</b> 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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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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