

Product Data Sheet

Anti-CD40 Antibody-PE/Cy5 labeled

Catalog #	Source	Reactivity	Applications
CFG8796	Rat	M	IF, FC
Description	Armenian Hamster monoclonal antibody PE/Cy5 labeled to CD40		
Immunogen	(BALB/c x NZB)F1 mouse-derived lymphoma WEHI 231		
Purification	The antibody was purified by affinity chromatography.		
Specificity	Recognizes mouse CD40		
Clonality	Monoclonal (clone: 1C10)		
Conjugation	PE/Cy5		
Form	Rat IgG2a kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.		
Dilution	10 µl / assay		
Gene Symbol	CD40		
Alternative Names	TNFRSF5; Tumor necrosis factor receptor superfamily member 5; B-cell surface antigen CD40; Bp50; CD40L receptor; CDw40; CD40		
Entrez Gene	21939 (Mouse)		
SwissProt	P27512 (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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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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