For research purposes only, not for human use

Product Data Sheet

Anti-Ly-49C/F/H/I Antibody-PE labled

Catalog #	Source	Reactivity	Applications
CFF8993	Syrian Hamster	M	IF, FC

Description	Syrian Hamster monoclonal antibody PE labled to Ly-49C/F/H/I
Immunogen	IL-2-activated killer cells (LAK) from C57BL/6 mice
Purification	The antibody was purified by affinity chromatography.
Specificity	Recognizes mouse Ly-49C/F/H/I
Clonality	Monoclonal (clone: 14B11)
Conjugation	PE
Form	Syrian Hamster IgG. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Dilution	10 µl / assay
Gene Symbol	Klra3; Klra6; Klra8; Klra9
Alternative Names	Ly-49c; Ly49C; Killer cell lectin-like receptor 3; 5E6; Lymphocyte antigen 49c; Ly-49c; Nk2.1; T-cell surface glycoprotein Ly-49C; Ly-49f; Ly49-f; Ly49F; Killer cell lectin-like receptor 6; Lymphocyte antigen 49f; Ly-49f; T-cell surface glycoprotein Ly-49F; Ly-49h; Ly49-h; Ly49H; Killer cell lectin-like receptor 8; Lymphocyte antigen 49h; Ly-49h; T-cell surface glycoprotein Ly-49H; Killer cell lectin-like receptor subfamily A member 9; Killer cell lectin-like receptor subfamily A member 9; Natural killer cell recptor Ly49C
Entrez Gene	16634, 16637, 16639, 16640 (Mouse)
SwissProt	Q64329, Q60653, Q60682, Q2TJJ8 (Mouse)
Directions for Use	1. Take 100 µl peripheral blood anticoagulated by EDTA and add to the bottom of 5 ml tube.

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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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.

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.