SONY

Product Data Sheet

PE/Cyanine7 anti-mouse CD55 (DAF)

Catalog # / Size: 1259070 / 100 µg
1259065 / 25 µg

Clone: RIKO-3

Isotype: Hamster IgG

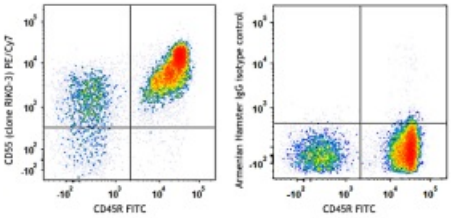
Immunogen: Transfected cells

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2



C57BL/6 mouse splenocytes stained with B220 FITC and CD55 (DAF) (clone RIKO-3) PE/Cy7 (left) or Armenian Hamster IgG isotype control (right).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.06 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications (for the relevant formats) include: immunohistochemistry of acetone-fixed frozen tissue sections.

Application References:

1. Cao Q, *et al.* 2012. *Am J Physiol Cell Physiol.* 302:1731. PubMed.

Description: CD55, also known as DAF (decay accelerating factor), is expressed on the surfaces of red blood cells, hematopoietic cells and many non-hemotopietic cells. There are two isoforms of mouse CD55, a GPI-anchored isofrom and a transmembrane isoform. Both are recognized by RIKO-3. The function of CD55 is to protect damage by complement deposition.

Antigen References:

1. Miwa T *et al.* 2001. *Immunology* 104:207
2. Lin FY *et al.* 2001 *Immunology* 104:215

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