

**Alexa Fluor® 647 anti-mouse CD55 (DAF)**

**Catalog # / Size:** 1259030 / 100 µg  
1259025 / 25 µg

**Clone:** RIKO-3

**Isotype:** Hamster IgG

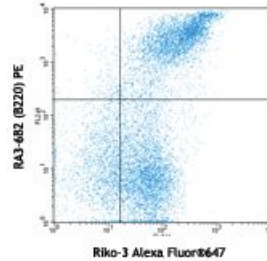
**Immunogen:** Transfected cells

**Reactivity:** Mouse

**Preparation:** The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions.

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

**Concentration:** 0.5



C57BL/6 splenocytes stained with RA3-6B2 (B220) PE and Riko-3 Alexa Fluor® 647

**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 ≤ 1.0 microg per 10<sup>6</sup> cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.

**Description:** CD55, also known as DAF (decay accelerating factor), is expressed on the surfaces of red blood cells, hematopoietic cells and many non-hematopoietic cells. There are two isoforms of mouse CD55, a GPI-anchored isoform 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