

**Manufacturer/Supplier:**

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**Product name:** Anti-Mouse CD24 Monoclonal Antibody(AF647  
Conjugated)

**Catalog:** DL21966F

**Synonyms:** Cd24a, Ly-52, HAS, Nectadrin, R13-Ag, X62 heat  
stable antigen

**Background:** CD24 is a 35-45 kD protein also known as Heat  
Stable Antigen (HSA), Ly-52, or Nectadrin. It is a  
GPI-linked sialoglycoprotein expressed on  
lymphocytes, granulocytes, epithelial cells,  
thymocytes, monocytes, erythrocytes, and dendritic  
cells. CD24 expression varies during T and B cell  
differentiation and is a useful marker for delineating  
various lymphocyte developmental stages. CD24  
serves as an adhesion or costimulatory molecule

involved in T and B lymphocyte activation and differentiation by homophilic binding or binding to CD62P.

**Form:** Liquid

**Isotype:** Rat IgG2b,  $\kappa$

**Size:**

50Tests/100Tests/100Tests $\times$ 2

**Host:** Rat

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 5  $\mu$ L

**Conjugation:** AF647

**SwissProt:** P24807

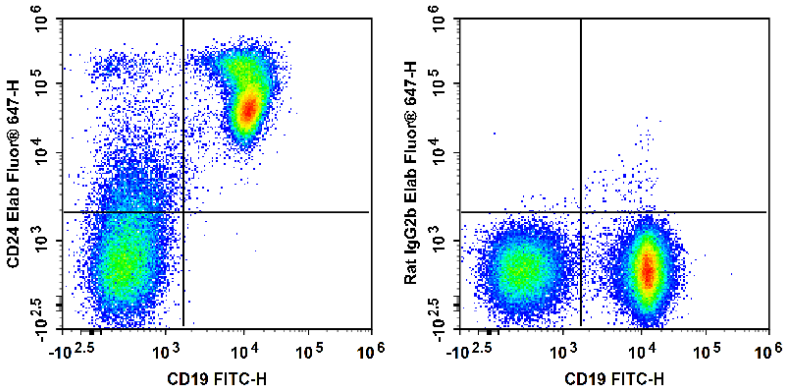
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD24 Monoclonal Antibody(AF647 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



### Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.