Manufacturer/Supplier:
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Product name: Anti-Mouse Ly6A/E(Sca-1) Monoclonal Antibody(PE/Cyanine5 Conjugated)

Catalog: DL22106F

Synonyms: Ly6a,Ly6,Ly-6A.2/Ly-6E.1,SCA-1,TAP

Background: Ly-6A/E, also known as Sca-1, is an 18 kD member of the Ly-6 multigene family. Ly6A/E is a glycosylphosphatidylinositol (GPI)-linked protein expressed on hematopoietic stem cells. In mice expressing the Ly-6.2 haplotype (e.g., AKR, C57BL, C57BR, DBA/2, SJL, SWR, and 129), Ly-6A/E is also expressed on peripheral B lymphocytes and thymic and peripheral T lymphocytes. Strains expressing the Ly-6.1 haplotype (e.g., BALB/c, CBA, C3H/He, DBA/1, and NZB) have low Ly-6A/E expression on resting peripheral lymphocytes. The

expression of Ly-6A/E on lymphocytes is upregulated upon activation from both Ly6.1 and Ly6.2 haplotype mice. Ly-6A/E is thought to be involved in the regulation of both T and B cell responses.

Form: Liquid

Isotype: Rat IgG2a, κ

Size: 25μg/100μg

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE/Cyanine5

SwissProt: P05533

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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1

μg/10^6cells in 100 μL volume].

Storage:

Keep as concentrated solution.

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

This product is guaranteed up to one year from purchase.