

**PerCP/Cy5.5 anti-mouse FR4 (Folate Receptor 4)**

**Catalog # / Size:** 1225090 / 100 µg  
1225085 / 25 µg

**Clone:** 12A5

**Isotype:** Rat IgG2b, κ

**Reactivity:** Mouse

**Concentration:** NULL

**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 ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.

\* PerCP/Cy5.5 has a maximum absorption of 482 nm and a maximum emission of 690 nm.

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**Description:** Folate receptor 4 (FR4) is a surface receptor for folic acid (Vitamin B9). It was recently reported that FR4 is highly and constitutively expressed on mouse CD4<sup>+</sup> CD25<sup>+</sup> natural regulatory T cells (Treg). The high expression of this surface marker on Treg can be used in combination with CD4 and CD25 to distinguish Treg from other types of T cells. Since FR4 is a surface marker, this antibody may be used in combination with anti-CD4 and/or CD25 to sort living T reg cells for functional studies.