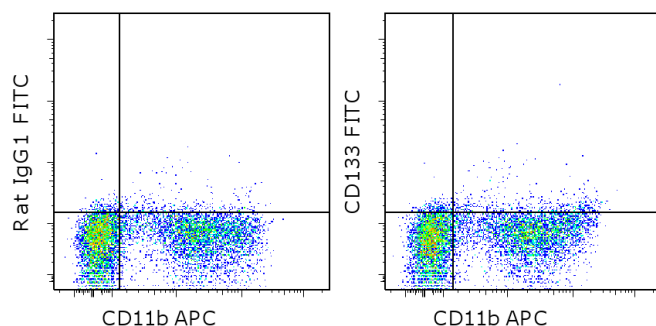


## Anti-Mouse CD133 (Prominin-1) FITC

**Catalog Number:** 11-1331

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Staining of C57Bl/6 bone marrow cells with Anti-Mouse CD11b APC (cat. 17-0112) and 0.25 ug of Rat IgG1 kappa Isotype Control FITC (cat. 11-4301) (left) or 0.25 ug of Anti-Mouse CD133 (Prominin-1) FITC (right). Total viable cells were used for analysis.

### Product Information

**Contents:** Anti-Mouse CD133 (Prominin-1) FITC



**Catalog Number:** 11-1331

**Clone:** 13A4

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Rat IgG1, kappa



**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

**Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

**Batch Code:** Refer to vial



**Use By:** Refer to vial

**Caution, contains Azide**

### Description

The 13A4 monoclonal antibody recognizes mouse Prominin-1 (sometimes also referred to as CD133 and, in the case of the human orthologue, as AC133), a 115-120 kDa pentaspan transmembrane (5-TM) domain glycoprotein. Prominin-1 is expressed on primitive cells such as hematopoietic stem and progenitor cells, neural & endothelial stem cells, retina and retinoblastoma, as well as developing epithelium. To date, the function and ligand of Prominin-1 are unknown. The 13A4 antibody does not cross react with rat, human, chicken, or *Drosophila* antigen but has been reported to work in canine/dog.

### Applications Reported

The 13A4 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

The 13A4 antibody has been tested flow cytometric analysis of mouse bone marrow cell suspensions. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

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### Related Products

11-4301 Rat IgG1 K Isotype Control FITC  
17-0112 Anti-Mouse CD11b APC (M1/70)