

PE anti-Mouse CD133 mAb

Catalog No.: A25678

Basic Information

Observed MW

Refer to figures

Calculated MW

97kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0027

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ volume.

Background

Predicted to enable actinin binding activity; cadherin binding activity; and cholesterol binding activity. Involved in camera-type eye photoreceptor cell differentiation and retina layer formation. Located in several cellular components, including brush border; photoreceptor outer segment; and prominosome. Is integral component of plasma membrane. Is expressed in several structures, including epithelium; eye; future hindbrain; genitourinary system; and nervous system. Used to study retinitis pigmentosa 41. Human ortholog(s) of this gene implicated in cone-rod dystrophy 12 and retinitis pigmentosa 41. Orthologous to human PROM1 (prominin 1).

Immunogen Information

Gene ID

19126

Swiss Prot

O54990

Immunogen

Recombinant protein

Synonyms

Prom; AC133; CD133; Prom-1; Proml1; 4932416E19Rik

Contact

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Product Information

Source

Rat

Isotype

Rat IgG2a, λ

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide