

PE Rat anti-Mouse CD51/ITGAV mAb

Catalog No.: A25676

Basic Information

Observed MW

Refer to figures

Calculated MW

115kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0025

Conjugate

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

Recommended Dilutions

FC The suggested use of this reagent is $\leq 0.5 \mu\text{g}$ per 10^6 cells in $100 \mu\text{l}$ volume.

Background

This gene encodes a protein that is a member of the integrin superfamily. Integrins are transmembrane receptors involved cell adhesion and signaling, and they are subdivided based on the heterodimer formation of alpha and beta chains. This protein has been shown to heterodimerize with beta 1, beta 3, beta 6 and beta 8. The heterodimer of alpha v and beta 3 forms the Vitronectin receptor. This protein interacts with several extracellular matrix proteins to mediate cell adhesion and may play a role in cell migration. In mouse, deficiency of this gene is associated with defects in vascular morphogenesis in the brain and early post-natal death.

Immunogen Information

Gene ID

16410

Swiss Prot

P43406

Immunogen

This information is considered to be commercially sensitive.

Synonyms

CD51; 1110004F14Rik; 2610028E01Rik; D430040G12Rik

Contact

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Product Information

Source

Rat

Isotype

Rat IgG1, κ

Purification

Affinity purification

Storage

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

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