

ABflo® 450 Rat anti-Mouse CD49d mAb

Catalog No.: A28367

Basic Information

Observed MW

Calculated MW

116 kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

Conjugate

ABflo® 450. Ex:406nm. Em:445nm.

Background

Enables fibronectin binding activity. Acts upstream of or within several processes, including chorio-allantoic fusion; heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules; and pericyte cell migration. Located in cell-cell junction and external side of plasma membrane. Is expressed in several structures, including alimentary system; embryo mesenchyme; genitourinary system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in autism spectrum disorder and pancreatic cancer. Orthologous to human ITGA4 (integrin subunit alpha 4).

Recommended Dilutions

FC ≤0.25 µg per million cells
in 100 µl volume

Immunogen Information

Gene ID

16401

Swiss Prot

Q00651

Immunogen

This information is considered to be commercially sensitive.

Synonyms

CD49D; Itga4B

Contact

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Product Information

Source

Rat

Isotype

Rat LEW, also known as Lewis Affinity purification IgG2a, κ

Purification

Storage

Store at 4°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide and BSA, pH7.2.