A25666

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PE anti-Mouse/Rat CD29/Integrin-β1 mAb

Catalog No.: A25666 1 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
88kDa

Category
Monoclonal Antibody

Applications
FC

Cross-Reactivity
Mouse,Rat

Clone number
ACC0005

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

Recommended Dilutions

FC	The suggested use of this reagent is ≤ 1.0 μg per 10^6 cells in 100 μl volume.

Contact

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Background

Enables integrin binding activity. Contributes to laminin binding activity. Involved in several processes, including basement membrane organization; cellular response to low-density lipoprotein particle stimulus; and receptor internalization. Acts upstream of or within with a negative effect on reactive gliosis and regulation of spontaneous synaptic transmission. Acts upstream of or within several processes, including cell morphogenesis involved in differentiation; regulation of ion transmembrane transport; and striated muscle cell differentiation. Located in several cellular components, including Schaffer collateral - CA1 synapse; intercalated disc; and myelin sheath abaxonal region. Part of integrin alpha7-beta1 complex. Is integral component of synaptic membrane. Colocalizes with cytoplasmic vesicle and perinuclear region of cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; heart; and limb. Used to study Hirschsprung's disease. Orthologous to human ITGB1 (integrin subunit beta 1).

Immunogen Information

Gene ID
16412/24511

Swiss Prot
P09055

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
CD29; Fnrb; gpIIa; Gm9863; 4633401G24Rik

Product Information

Source
Armenian Hamster

Isotype
Armenian Hamster IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



For research use only. Not for therapeutic or diagnostic purposes.
Please visit https://abclonal.com for a complete listing of recommended products.