

Integrin alpha 1 (ITGA1/CD49a) Monoclonal Antibody

CAB22707

Description

This Integrin alpha 1 (ITGA1/CD49a) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB22707
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: VLA1, CD49a, Integrin alpha 1 (ITGA1/CD49a)
Clone: ARC58198
Applications: WB ELISA
Conjugation: Unconjugated
Reactivity: Human

Antibody Data

Gene ID: 3672
Uniprot: -
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 200 kDa
Calculated MW: 131 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

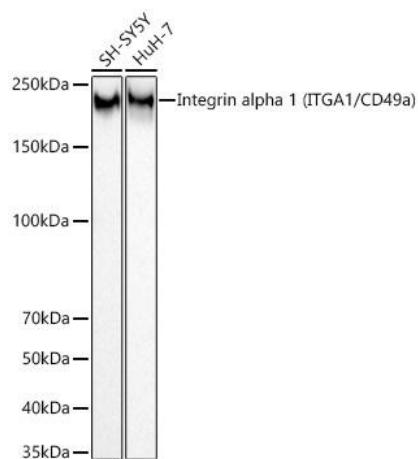
Positive Sample: SH-SY5Y, HuH-7

Recommended Dilutions:

WB	1:5000 - 1:30000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using Integrin alpha 1 (ITGA1/CD49a) Rabbit mAb (CAB22707) at 1:30000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60 s.