

## Integrin alpha 4 (ITGA4/CD49d) Antibody

**CAB0696**

### Description

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This Integrin alpha 4 (ITGA4/CD49d) 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

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**SKU:** CAB0696

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** IA4, CD49D, Integrin alpha 4 (ITGA4/CD49d)

**Clone:** -

**Applications:**  

**Conjugation:** Unconjugated

**Reactivity:** Human

### Antibody Data

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**Gene ID:** 3676

**Uniprot:** AB\_2757347

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 70kDa/140kDa/150kDa

**Calculated MW:** 115kDa

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, 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:** Jurkat

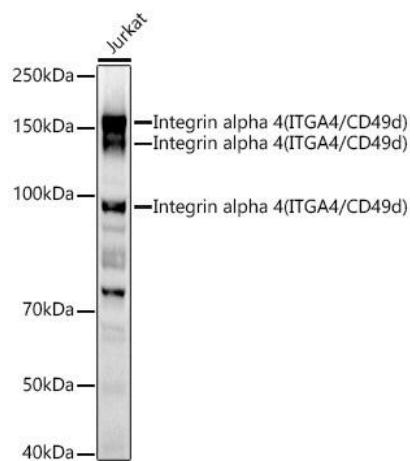
**Recommended Dilutions:**

WB	1:500 - 1:1000
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

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Western blot analysis of lysates from Jurkat cells, using Integrin alpha 4 (ITGA4/CD49d) Rabbit pAb (CAB0696) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.