

# Anti-Human CD49D (Integrin alpha 4) (Natalizumab) - APC Biosimilar

## IVMB0431

### Description

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This Anti-Human CD49D (Integrin alpha 4) (Natalizumab) - APC Biosimilar 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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<b>SKU:</b>	IVMB0431
<b>Contents:</b>	50ug Bradford Reagent: 1 vial (2ml)
<b>Synonyms:</b>	CD49D, Alpha 4 Subunit of VLA-4 Receptor, ITGA4, Integrin alpha-IV
<b>Category:</b>	Biosimilar Recombinant Human Monoclonal Antibody
<b>Target:</b>	CD49D
<b>Clone:</b>	Hu114
<b>Isotype:</b>	Human IgG4κ
<b>Applications:</b>	<b>FC</b>
<b>Specificity:</b>	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Natalizumab. Natalizumab binds to the alpha 4 subunit of α4β1 and α4β7 integrins. This product is for research use only.

### Antibody Data

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<b>Reactivity:</b>	Human
<b>Host species:</b>	Human
<b>Expression Host:</b>	HEK-293 Cells

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

- Immunogen:** RAMOS cell line injected into mice.
- Product concentration:** 0.2 mg/ml
- Endotoxin Level:** -
- Purity:** -
- Formulation:** This Allophycocyanin (APC) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

## Preparation & Storage

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**Storage:** This Allophycocyanin (APC) conjugate is stable when stored at 2-8°C. Do not freeze.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Shipping:** Next Day 2-8°C

**Preparation:** -

**Recommended Dilution Buffer:** -

Recommended Usage:	Application	Recommended Usage
	FC	The suggested concentration for Natalizumab biosimilar antibody for staining cells in flow cytometry is $\leq 1.0 \mu\text{g}$ per $10^6$ cells in a volume of 100 $\mu\text{l}$ . Titration of the reagent is recommended for optimal performance for each application.

**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