



Human Anti-Human ITGA4 (Natalizumab) Monoclonal Antibody, clone Natalizumab [Biosimilar] (CABT-Z676H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|--|
| Product Overview | This is a reformatted human IgG4 antibody based on the therapeutic Fab fragment. |
| Immunogen | The RAMOS cell line |
| Isotype | IgG4, κ |
| Source/Host | Human |
| Species Reactivity | Human |
| Clone | Natalizumab |
| Purification | Protein A purified |
| Conjugate | Unconjugated |
| Applications | FC, BL |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | PBS with 0.02% Proclin 300. |
| Preservative | None |
| Storage | Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. |

BACKGROUND

Introduction

Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin alpha-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin alpha-4/beta-7 is also a receptor for MADCAM1. It recognizes the sequence LD-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.

Keywords

ITGA4;integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor);CD49D;integrin alpha-4;CD49d;269C wild type

GENE INFORMATION

Gene Name

ITGA4

Entrez Gene ID

[3676](#)

UniProt ID

[P13612](#)
