



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.

Ship

Wet ice

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](#)
