



Human Anti-Human ITGA5 (Volociximab) Monoclonal Antibody, clone M200 [Biosimilar] (CABT-Z685H)

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	Heterodimeric $\alpha 5\beta 1$ Fc fusion protein
Isotype	IgG4, κ
Source/Host	Human
Species Reactivity	Human
Clone	M200
Purification	Protein A purified
Conjugate	Unconjugated
Applications	FC, BL, IF, ELISA, IHC
Format	Liquid
Concentration	Lot specific
Size	200 μ g
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

ITGA5;integrin, alpha 5 (fibronectin receptor, alpha polypeptide);FNRA;integrin alpha-5;CD49e;VLA-5

GENE INFORMATION

Gene Name

ITGA5

Entrez Gene ID

[3678](#)

UniProt ID

[P08648](#)
