

## Anti-Integrin $\alpha 4$ /ITGA4/CD49d Antibody (Natalizumab)

### Introduction

Natalizumab is a recombinant humanized IgG4 monoclonal antibody that binds to  $\alpha 4\beta 1$ -integrin and blocks its interaction with vascular cell adhesion molecule 1 (VCAM-1). Natalizumab is used in the study of relapsing-remitting multiple sclerosis and Crohn's disease. Natalizumab also blocks the entry of lymphocytes into the central nervous system, thereby preventing relapses of acute demyelination.

### Product parameters

Alternative Names	Antegran, BG-0002
Target Accession	P13612
Target	Integrin $\alpha 4$ / ITGA4 / CD49d
CAS number	189261-10-7
Molecular Weight	146.22 kDa
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	See label
Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Clonality	Monoclonal
Purification	-
Isotype	IgG4
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 $\mu$ M filtered
Reconstitution	For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.
Shipping	Dry ice
Storage	-80°C
Expiration Date	2 years
Note	Please avoid freeze-thaw cycles.

## Note

1. This product is for scientific research use only.



### **APExBIO Technology**

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