

## Anti-Integrin alpha 4 (Natalizumab), Human IgG4 Antibody

<b>CATALOG NO:</b>	A1444-200
<b>ALTERNATIVE NAMES:</b>	Tysabri, Integrin alpha-4, CD49 antigen-like family member D, Integrin alpha-IV, VLA-4 subunit alpha, CD_antigen: CD49d, ITGA4, CD49D
<b>AMOUNT:</b>	200 µg
<b>ISOTYPE / FORMAT:</b>	Human IgG4, kappa
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	Natalizumab
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	The RAMOS cell line, a non-EBV releasing cell line, injected into mice
<b>FORM:</b>	Liquid
<b>SPECIFICITY:</b>	This antibody binds to the alpha 4 binds subunit of $\alpha 4\beta 1$ (also known as very late antigen 4 [VLA-4] or CD49d-CD29) and $\alpha 4\beta 7$ integrin
<b>PURIFICATION:</b>	Affinity purified using Protein A
<b>FORMULATION:</b>	Supplied in PBS with 0.02% Proclin 300
<b>STORAGE CONDITIONS:</b>	Store at 4°C for upto 3 months. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Recombinant monoclonal antibody to Integrin alpha 4. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody Natalizumab
<b>APPLICATION:</b>	FC, block
<b>REFERENCE:</b>	Sheremata <i>et al.</i> A safety and pharmacokinetic study of intravenous natalizumab in patients with MS Neurology. 1999 Mar 23;52(5):1072-4. PMID:10102433

### RELATED PRODUCTS:

- Anti-VEGF (Bevacizumab), humanized Antibody (**Cat. No. A1045**)
- Anti-HER2 (Trastuzumab), humanized Antibody (**Cat. No. A1046**)
- Anti-EGFR (Cetuximab), Chimeric Antibody (**Cat. No. A1047**)
- Anti-TNF- $\alpha$  (Adalimumab), humanized Antibody (**Cat. No. A1048**)
- Anti-CD20 (Rituximab), Chimeric Antibody (**Cat. No. A1049**)
- Anti-EGFR (Panitumumab), humanized antibody (**Cat. No. A1050**)
- Anti-OX40L (Oxelumab), Human IgG1 Antibody (**Cat. No. A1088**)
- Anti-CD11a (Efalizumab), Human IgG1 Antibody (**Cat. No. A1089**)
- Anti-EGFR (Matuzumab), Human IgG1 Antibody (**Cat. No. A1090**)
- Anti-CD4 (Clenoliximab), Human IgG4 Antibody (**Cat. No. A1091**)
- Anti-alpha 5 beta1 Integrin (Volociximab), Human IgG4 Antibody (**Cat. No. A1092**)
- Anti-TNF alpha (Humicade), Human IgG4 Antibody (**Cat. No. A1093-200**)
- Anti-CD40L (Ruplizumab), Human IgG1 Antibody (**Cat. No. A1094-200**)
- Anti-Human Ephrin Type A receptor 2 (1C1), Human IgG1 Antibody (**Cat. No. A1095**)
- Anti-Carcinoembryonic antigen (Arcitumomab), Human IgG1 Antibody (**Cat. No. A1096**)
- Anti-TNF alpha (Infliximab), Human IgG1 Antibody (**Cat. No. A1097**)
- Anti-IL-2R alpha (CD25) (Basiliximab), Human IgG1 Antibody (**Cat. No. A1098**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**