

Anti-CD4 Antibody (Ibalizumab)

Introduction

Ibalizumab (TMB-355) is a humanized IgG4 monoclonal antibody that blocks HIV cell entry by binding to the CD4 receptor. Ibalizumab has the potential to be used in HIV-1 infection research.

Product parameters

| | |
|---------------------|---|
| Alternative Names | Trogarzo, TMB-355 |
| Target Accession | P01730 |
| Target | CD4 |
| CAS number | 680188-33-4 |
| Molecular Weight | 147.36 kDa |
| Host | CHO |
| Reactivity | Human, Cynomolgus |
| Conjugation | Unconjugated |
| Form | Liquid |
| Concentration | See label |
| Buffer System | 100 mM Pro 20 mM Arg pH 5.0. No preservative! |
| Clonality | Monoclonal |
| Purification | Protein A |
| Isotype | IgG4SP |
| Application | ELISA, FACS, Kinetics, Functional assay, Animal Model |
| Biological activity | Human CD4 CHO cells were stained with Anti-CD4 Antibody (Ibalizumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.16 ug/mL. |
| Endotoxin | Less than 0.1 EU/ug determined by LAL method. |
| Sterilization | 0.2 µM 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.



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