

Catalog# BP- 50562

## Muromonab Biosimilar (CD3 Monoclonal Antibody)

Muromonab (Muromonab-CD3; OKT3) is a mouse monoclonal antibody targeting the CD3 antigen. Muromonab specifically binds to the CD3 antigen on the surface of human and higher primate T cells. Muromonab blocks the function of T cell receptors to recognize foreign antigens and inhibits T cell-mediated immune responses, including cell-mediated lymphocyte lysis and T cell proliferation responses. Muromonab can be used to study acute kidney, liver, heart and combined kidney-pancreas transplant rejection, and can also be used to study graft-versus-host disease in bone marrow transplant patients.

Product Details	
CAS No.	140608-64-6
Species Reactivity	Human
Source	Mammalian cells
Isotype	Mouse IgG2a kappa/human IgG1
Class	Monoclonal
Type	Antibody
Clone	Muromonab Biosimilar
Conjugate	Unconjugated
Immunogen	Human T cell receptor CD3
Purity	>95%
Molecular Weight	146.34 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 µM filtered PBS solution, pH 7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.