

Humanized Anti-Human CD3 mAb

Catalog Number: TL-101

Product name

Generic names Humanized Anti-Human CD3 mAb

Product information

Species Reactivity	Human
Specificity	Recognizes the ϵ chain of the CD3/T cell antigen receptor complex (McMichael, A.J. et al. (1987) Leucocyte Typing III: White Cell Differentiation Antigens, Oxford University Press, New York; Knapp, W. et al. (1989) Leucocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York; Schlossman, S. et al. (1995) Leucocyte Typing V: White Cell Differentiation Antigens, Oxford University Press, New York).
Source	CHO cells
QC Testing Purity	> 95 % as determined by SDS-PAGE
Purification	Protein A purified from cell culture supernatant
Immunogen	Recombinant human CD3
Endotoxin Level	<0.1 EU/ μ g
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with HSA
Stability & Storage	Samples are stable for up to 24 months from date of receipt at 4 °C. Avoid repeated freeze-thaw cycles.
Applications	1. ELISA (recommended concentration 1:5000-1:10000) 2. T Cell Stimulation: This antibody can be used to activate T cells when immobilized at 1-10 μ g/mL (100 μ L/well)

Background

CD3 is one of at least four invariant proteins that associate with the variable antigen recognition chains of the T cell receptor and function in signal transduction.

References

1. Beverly, P.C.L. and R.E. Callard (1981) Eur. J. Immunol. 11:329.