

Product Name: CD3 Rabbit Monoclonal Antibody
Catalog #: AMRe87639



Summary

Production Name	CD3 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	CD3
Alternative Names	T3
Gene ID	915, 916, 917, 919
SwissProt ID	P04234, P07766, P09693, P20963 .

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:200,FC 1:200-1:500
Molecular Weight	Calculated MW:23 kDa; Observed MW:23 kDa

Background

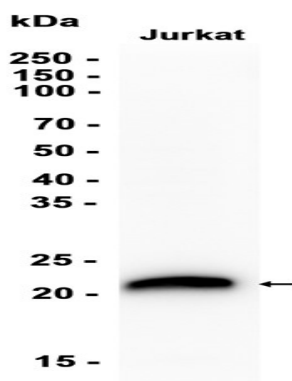
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CD3 is a complex of proteins that directly associates with the T cell receptor (TCR). The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta. The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction. CD3 is considered to be a pan-T cell marker for detection of normal and neoplastic T cells.

Research Area

Image Data



Western blot analysis of extracts from Jurkat cells using AMRe87639 at 1:1000.

Note

For research use only.