

Monoclonal Antibody to CD3 - Purified

Alternate names:	CD247, CD3 delta chain, CD3 epsilon chain, CD3 gamma chain, CD3 zeta chain, CD3D, CD3E, CD3G, CD3Z, T-cell surface glycoprotein CD3, T3D, T3G, T3Z, TCRZ
Catalog No.:	BM2605
Quantity:	0.2 mg
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	Cris-7
Immunogen:	Peripheral T lymphocytes
Format:	State: Liquid purified Ig fraction. Purification: Protein A affinity chromatography. Buffer System: PBS containing 1 mg/ml BSA as stabilizer and 10 mM Sodium Azide as preservative.
Applications:	Suitable for use in Immunofluorescence staining, Immunohistochemistry of frozen tissues and Immunoprecipitation of the CD3 antigen. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes 22/26/30 kDa MW Lymphocyte surface molecule associated with the T cell antigen receptor complex. It reacts with the majority of peripheral blood T Lymphocytes, a major proportion of Thymocytes, the majority of T cell chronic Lymphocytic leukemias cells, Sezary leukemias and approximately 70% of acute Lymphoblastic leukemias of T cell origin. Cross reacts with rhesus monkey peripheral blood Leukocytes in Flow Cytometry. ANTIGEN DISTRIBUTION: T cells (E+) 100% Peripheral Blood lymphocytes 75 ? 7% Thymocytes 68 ? 5% Granulocytes < 1% Monocytes < 1% B-cells (E-) < 1% NK-cells (CD16+) < 1%
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Leucocyte Typing III (Oxford University Press) 1987. Leucocyte Typing II (Springer Verlag) 1986.