

Monoclonal Antibody to T-Cell Receptor TCR alpha/beta (pan) - FITC

Catalog No.:	SM1232F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12F
Clone:	BMA031
Immunogen:	T Lymphocytes.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% Sodium Azide and 0.5% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with a constant region determinant found on the surface of all alpha/beta TCR bearing T lymphocytes. Approximately 92% of all CD3 + peripheral blood lymphocytes are reactive. Species: Human, Rat, Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	1. Borst J, van Dongen JJ, de Vries E, Comans-Bitter WM, van Tol MJ, Vossen JM, et al. BMA031, a monoclonal antibody suited to identify the T-cell receptor alpha beta/CD3 complex on viable human T lymphocytes in normal and disease states. Hum Immunol. 1990 Nov;29(3):175-88. PubMed PMID: 1704361. 2. Nashan B, Wonigeit K, Schwinzer R, Schlitt HJ, Kurrle R, Pichlmayr R. Fine specificity of a panel of antibodies against the TCR/CD3 complex. Transplant Proc. 1987 Oct;19(5):4270-2. PubMed PMID: 2960057. 3. Jonker, M. et al. (1989) Leukocyte Typing IV p. 1059.