

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

Catalog No.:	SM1232P
Quantity:	0.15 mg
Concentration:	0.15 mg/ml
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
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
Applications:	Flow cytometry. Immunoprecipitation. Removal of sodium azide is recommended prior to use in functional assays. 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. This antibody demonstrates mitogenic activity on TCR alpha/beta lymphocytes. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! 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.