

Monoclonal Antibody to T Cell Receptor (TCR) Vb 23 - Phyco

Alternate names:	TCR V beta-23, TCR Vb23
Catalog No.:	AM05102RP-N
Quantity:	50 Tests
Concentration:	15,0 µg/ml
Host / Isotype:	Mouse / IgG1
Clone:	AF23
Immunogen:	Human T-cell line
Format:	State: Liquid purified Ig Buffer System: PBS containing 2mg/ml BSA and 0,09% sodium azide Label: Phyco – Phycoerythrin
Applications:	T-cell repertoire studies. Flow cytometry: 20µl/5 x 10e5 cells/test or 100µl whole blood. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to variable beta 23 chain of the T-cell receptor also called TCRBV23S1 according to the nomenclature of Wei, et al. There is only one member of the V beta 23 subfamily (IGRb04 sequence). Specificity has been confirmed on a mouse T-cell hybridoma expressing a mouse alpha chain together with the product of a transfected IGRb04 sequence. 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. Wei S, Charmley P, Robinson MA, Concannon P. The extent of the human germline T-cell receptor V beta gene segment repertoire. Immunogenetics. 1994;40(1):27-36. PubMed PMID: 8206523. 2. Ferradini, L., et al., Studies of the human T-cell receptor alpha/beta variable region genes. II Identification of four additional V-beta subfamilies, 1991, Eur. J. Immunol., 21, 935 - 942. 3. Romagné F, Kanagawa O, David-Ameline J, Peyrat MA, Bonneville M, Necker A. TCRBV23 specificity of two monoclonal antibodies revealed by a panel of human V beta chains expressed in mouse cells. J Immunol Methods. 1995 Oct 26;186(2):313-22. PubMed PMID: 7594631.