TRA monoclonal antibody, clone IP26

Catalog # MAB8512 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against TRA.
Immunogen	Human TRA.
Host	Mouse
Reactivity	Human
Specificity	The dominant subtype of T cell receptor expressed in human peripheral blood.
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

Gene Info — TRA

Entrez GeneID	6955
Gene Name	TRA

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Gene Alias	FLJ22602, MGC117436, MGC22624, MGC23964, MGC71411, TCRA, TCRD, TRA
Gene Description	T cell receptor alpha locus
Omim ID	186880
Gene Ontology	Hyperlink
Gene Summary	alpha polypeptide|T-cell receptor
Other Designations	T-cell antigen receptor, alpha polypeptide|T-cell receptor, alpha (V,D,J,C)

Publication Reference

- Downregulation of the T-cell receptor complex and impairment of T-cell activation by human herpesvirus 6 u24 protein.

  Sullivan BM, Coscoy L.

  Journal of Virology 2008 Jan; 82(2):602.

- Recombinant anti-CD4 antibody 13B8.2 blocks membrane-proximal events by excluding the Zap70 molecule and downstream targets SLP-76, PLC gamma 1, and Vav-1 from the CD4-segregated Brij 98 detergent-resistant raft domains.

  Chentouf M, Ghannam S, Bes C, Troadec S, Cerutti M, Chardes T.

  Journal of Immunology 2007 Jul; 179(1):409.

  Application: WB-Ce, Human, Jurkat T cells

- Significance of circulating T-cell clones in Sezary syndrome.

  Ortonne N, Huet D, Gaudez C, Marie-Cardine A, Schiavon V, Bagot M, Musette P, Bensussan A.

  Blood 2006 May; 107(10):4030.

  Application: Flow Cyt, Human, Human T cells

- SC5 mAb represents a unique tool for the detection of extracellular vimentin as a specific marker of Sezary cells.

  Huet D, Bagot M, Loyaux D, Capdevielle J, Conraux L, Ferrara P, Bensussan A, Marie-Cardine A.

  Journal of Immunology 2006 Jan; 176(1):652.

  Application: Flow Cyt, IF, IP, WB, Human, COS, HUT 78 cells, PBMCs

Disease

- Asthma

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- Narcolepsy

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