

Product datasheet for **TA385993**

TRAC Mouse Monoclonal Antibody [Clone ID: 34]

Product data:

Product Type:	Primary Antibodies
Clone Name:	34
Applications:	ELISA, FC, WB
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Purified recombinant soluble TCR from the T-cell hybridoma 85.33, corresponding to V alpha 11
Specificity:	This antibody binds to the T-cell receptor alpha chains.

The antibody binds specifically to the recombinant and native variable domain of the α chain which comprises the T-cell receptor (TCR). The TCR is a disulfide-linked heterodimeric protein expressed on the surface of T-cells in complex with CD3 and ζ -chain molecules. The receptor functions in the recognition of MHC molecule and the subsequent activation of T-cells. The monoclonal antibody 34 recognises Va regions of TCRs expressed in the 85.33 arthritogenic T-cell hybridoma and can be used to analyse TCR V gene expression and for immunotherapy in T cell mediated autoimmunity.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	T-cell receptor alpha constant
Database Link:	Entrez Gene 28755 Human P01848



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Note: This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.