

Datasheet for ABIN7543083

## Recombinant anti-TCR beta antibody



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### Overview

Quantity:	200 µg
Target:	TCR beta
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This TCR beta antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), ELISA

### Product Details

Purpose:	Anti-TCR beta [IARC307], Rabbit IgG, kappa
Immunogen:	Derived from normal B cells in peripheral blood of a Burkitt's lymphoma patient. Screened more than 60 culture supernatants from lymphoblastoid cell lines of normal origin, Epstein-Barr virus (EBV)-carrying Burkitt lymphomas, EBV-negative Burkitt lymphomas and EBV-converted sublines of original EBV-negative Burkitt lymphoma human B-cell lines for their capacity to bind the synthetic peptide autoantigens. One lymphoblastoid B-cell line was identified, IARC307, that produces IgM kappa antibodies which specifically react with the CDR1 peptide corresponding to human Vbeta8.1 gene sequence.
Clone:	IARC307
Isotype:	IgG kappa
Specificity:	This antibody is specific for Vbeta8.1 CDR1 sequence CKPISGHNSLFQWYRQT.

## Product Details

Characteristics:	Original Species of Ab: Human Original Format of Ab: IgM
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Purification:	Protein A affinity purified
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## Target Details

Target:	TCR beta
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Alternative Name:	TCR beta ( <a href="#">TCR beta Products</a> )
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Background:	IARC-307, TCR-beta, T cell receptor, T-cell receptor, T cell receptor beta chain, TCRB, TRB, TCB1, Ti, TCR V beta, IARC/307, IARC 307
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UniProt:	<a href="#">P01850</a> , <a href="#">A0A5B9</a>
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## Application Details

Application Notes:	IARC307 has been used in ELISAs to bind to synthetic peptides of CRD1 region from several TCR Vbeta families of man and mouse (Marchalonis 2000).
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Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgM format, for improved compatibility with existing reagents, assays and techniques.
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Restrictions:	For Research Use only
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## Handling

Concentration:	1 mg/mL
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Buffer:	PBS with 0.02 % Proclin 300.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
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