Hamster anti-Mouse TCRbeta Monoclonal Antibody | anti-TCRbeta antibody

Anti-Mouse TCRbeta Monoclonal Antibody (Alexa Fluor 647 Conjugated)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174658	**Hamster**	**Mouse**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TCRbeta; Monoclonal Antibody; Anti-Mouse TCRbeta Monoclonal Antibody (Alexa Fluor 647 Conjugated); TCR-beta chain; TCR-beta; beta-TCR; anti-TCRbeta antibody

PRODUCT SPECIFICATIONS

Host	Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	H57-597 (HB218)
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	140
Applicable Applications for anti-TCRbeta antibody	FCM/FACS (Flow Cytometry)
Conjugation	Alexa Fluor 647
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES

FCM/FACS (Flow Cytometry)
C57BL/6 murine splenocytes are stained with Anti-Mouse TCRbeta Monoclonal Antibody(Alexa Fluor 647 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.

FCM/FACS (Flow Cytometry)
Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TCRbeta antibody	T cell receptor (TCR) is a heterodimer consisting of an alpha and a beta chain (TCR alpha/beta) or a gamma and a delta chain (TCR gamma/delta). TCR-beta is a member of the immunoglobulin superfamily and a component of the CD3/TCR complex (along with TCR-alpha). It is expressed on alpha/beta TCR-bearing T cells and thymocytes. The CD3/TCR complex plays a key role in antigen recognition, signal transduction, and T cell activation.
References	1. Davis MM, et al. 1998. Ann. Rev. Immunol. 16:523. 2. Huppa JB, et al. 2003. Nat. Immunol. 4:749. 3. Kubo R, et al. 1989. J. Immunol. 142:2736.

NCBI AND UNIPROT INFORMATION

NCBI GI #	36996
NCBI GeneID	21577
NCBI Official Full Name	T cell receptor beta, partial
NCBI Official Synonym Full Names	T cell receptor beta chain
NCBI Official Symbol	Tcrb
NCBI Official Synonym Symbols	Tib; TCRbeta
NCBI Protein Information	T cell receptor beta chain

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/tcrbeta-antibody-clone-h57-597-hb218-flow-cytometry-elisa/174658