

Datasheet

Tcrb monoclonal antibody, clone H57-597 (FITC)

Catalog Number: MAB5763

Regulatory Status: For research use only (RUO)

Product Description: Hamster monoclonal antibody raised against native Tcrb.

Clone Name: H57-597

Immunogen: Native purified mouse Tcrb.

Host: Hamster

Reactivity: Mouse

Applications: Flow Cyt, IHC-Fr, IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Common epitope of the beta chain of the mouse alphabeta T cell receptor (TCR) complex.

Form: Liquid

Conjugation: FITC

Isotype: IgG

Recommend Usage: Flow Cytometry (2 ug/10⁶ cells)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 21577

Gene Symbol: Tcrb

Gene Alias: Tib

References:

1. Failure of T cell receptor V beta negative selection in murine intestinal intra-epithelial lymphocytes. Murosaki S, Yoshikai Y, Ishida A, Nakamura T, Matsuzaki G, Takimoto H, Yuuki H, Nomoto K. *Int Immunol.* 1991 Oct;3(10):1005-13.
2. In vivo administration of monoclonal antibodies to the CD3 T cell receptor complex induces cell death (apoptosis) in immature thymocytes. Shi YF, Bissonnette RP, Parfrey N, Szalay M, Kubo RT, Green DR. *J Immunol.* 1991 May 15;146(10):3340-6.
3. Transport and secretion of truncated T cell receptor beta-chain occurs in the absence of association with CD3. Gascoigne NR. *J Biol Chem.* 1990 Jun 5;265(16):9296-301.