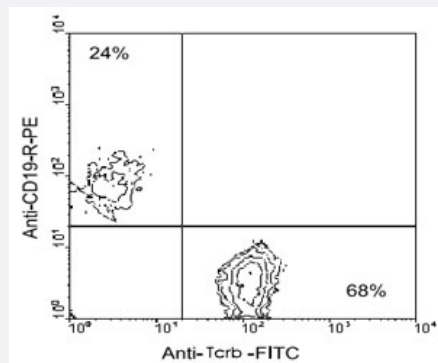


Tcrb monoclonal antibody, clone H57-597

Catalog # MAB3240 Size 500 ug

Applications



Flow Cytometry

BALB/c splenocytes were double-stained with Tcrb monoclonal antibody, clone H57-597 (Cat # MAB3240)-FITC and rat anti-mouse Cd19-R-PE, clone 6D5, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Specification

Product Description	Hamster monoclonal antibody raised against native Tcrb.
Immunogen	Native mouse Tcrb.
Host	Hamster
Reactivity	Mouse
Specificity	Common epitope of the beta chain of the mouse alphabeta T cell receptor (TCR) complex.
Form	Liquid
Isotype	IgG
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 100 mM BBS, pH 8.2
Storage Instruction	Store at 4°C.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunoprecipitation
- Flow Cytometry

BALB/c splenocytes were double-stained with Tcrb monoclonal antibody, clone H57-597 (Cat # MAB3240)-FITC and rat anti-mouse Cd19-R-PE, clone 6D5, gated on small lymphocytes and analyzed on a FACScan™ flow cytometer (BDIS, San Jose, CA).

Gene Info — Tcrb

Entrez GeneID [21577](#)

Gene Name Tcrb

Gene Alias Tib

Gene Description T-cell receptor beta chain

Gene Ontology [Hyperlink](#)

Other Designations -

Publication Reference

- [Failure of T cell receptor V beta negative selection in murine intestinal intra-epithelial lymphocytes.](#)

S Murosaki, Y Yoshikai, A Ishida, T Nakamura, G Matsuzaki, H Takimoto, H Yuuki, K Nomoto.

International Immunology 1991 Oct; 3(10):1005.

Application: Flow Cyt, Mouse, Mouse intestinal intra-epithelial lymphocytes

- [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.

Journal of Immunology 1991 May; 146(10):3340.

Application: Func, Mouse, Mouse thymocytes

- [Transport and secretion of truncated T cell receptor beta-chain occurs in the absence of association with CD3.](#)

Gascoigne NR.

The Journal of Biological Chemistry 1990 Jun; 265(16):9296.

Application: IP, Mouse, Mouse lymphoma EL4, J558 cells