

Anti-TCR alpha + TCR beta antibody [H57-597] ab25336

10 References

概述

产品名称	Anti-TCR alpha + TCR beta 抗体[H57-597]
描述	亚美尼亚仓鼠单克隆抗体[H57-597] to TCR alpha + TCR beta
宿主	Armenian hamster
特异性	ab25336 reacts with a common epitope of the β chain of the mouse $\alpha\beta$ T cell receptor (TCR) complex.
经测试应用	适用于: IHC-Fr, IP, Flow Cyt
种属反应性	与反应: Mouse
免疫原	TCR affinity purified from T-cell hybridoma DO-11.10 (Mouse)
常规说明	<p>ab25336 does not react with yd TCR-bearing cells. Plate-bound or soluble ab25336 activates $\alpha\beta$ TCR-bearing T cells. In vitro and in vivo, ab25336 can induce immature thymocytes to undergo apoptosis. In vivo administration of ab25336 has been shown to deplete $\alpha\beta$ TCR-bearing cells to near completion and prevent graft rejection.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, 0.14% Monobasic dihydrogen sodium phosphate
纯度	Affinity purified
纯化说明	Purified from tissue culture supernatant
Primary antibody说明	ab25336 does not react with yd TCR-bearing cells. Plate-bound or soluble ab25336 activates $\alpha\beta$

TCR-bearing T cells. In vitro and in vivo, ab25336 can induce immature thymocytes to undergo apoptosis. In vivo administration of ab25336 has been shown to deplete $\alpha\beta$ TCR-bearing cells to near completion and prevent graft rejection.

克隆	单克隆
克隆编号	H57-597
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab25336于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
IF		Use at an assay dependent concentration.

靶标

相关性

The receptors on T cells consist of immunoglobulin like integral membrane glycoproteins containing 2 polypeptide subunits, alpha and beta, of similar molecular weight, 40 to 55 kD in the human. Like the immunoglobulins of the B cells, each T cell receptor subunit has, external to the cell membrane, an N terminal variable domain and a C terminal constant domain. T cell receptors recognise foreign antigens which have been processed as small peptides and bound to major histocompatibility complex molecules at the surface of antigen presenting cells. Each T cell receptor is a dimer consisting of one alpha and one beta chain or one delta and one gamma chain. In a single cell, the T cell receptor loci are rearranged and expressed in the order delta, gamma, beta, and alpha. If both delta and gamma rearrangements produce functional chains, the cell expresses delta and gamma. If not, the cell proceeds to rearrange the beta and alpha loci.

细胞定位 Type I membrane protein.

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