

TCR beta antibody [H57-597]

Cat. No. GTX01479

宿主	Armenian Hamster
克隆	Monoclonal
同种型	IgG
实验应用	IHC-Fr, FCM, IP, Activation, Depletion
种属反应	Mouse

引用文献 (5)

产品说明

摘要

The H57-597 antibody is specific for the beta chain of the mouse T cell Receptor (TCR). This cell surface protein combines with a second protein chain (alpha chain) to form the alpha-beta TCR that is expressed by NK1.1+ thymocytes, NKT cells, and the majority of peripheral T cells. A small number of T cells may express an alternative heteromer of gamma/delta protein chains, known as the g/d TCR. These receptors participate in a complex with CD3, and with the co-receptors CD4 or CD8, to recognize and respond to antigens bound to MHC molecules on antigen-presenting cells. Such interactions promote T cell receptor signaling (T cell activation) and can result in a number of cellular responses including proliferation, differentiation, production of cytokines or activation-induced cell death. The H57-597 antibody is used as a phenotypic marker for T cells expressing the alpha-beta TCR. It is also widely used to cross-link surface TCR and thereby mimic TCR-mediated cell activation or induction of apoptosis. The antibody does not cross-react with cells expressing the g/d TCR.

实验应用

应用说明

*最佳稀释倍数与浓度应由研究人员确认

Suggested dilution	Recommended dilution
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Activation	Assay dependent
Depletion	Assay dependent

以下为常规应用缩写的中文注解

WB: 免疫印迹

ICC/IF: 细胞染色

IHC-P: 石蜡切片

IHC-Fr: 冰冻切片

属性

形式	Liquid
存储溶液	10mM NaH ₂ PO ₄ , 150mM NaCl
保存剂	0.09% Sodium azide
存放说明	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.



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浓度	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
纯度	> 90% (determined by SDS-PAGE)
偶联	Unconjugated
注意事项	仅供实验室使用。不适用于人类或动物的任何临床, 治疗或诊断用途。不适合动物或人类食用。



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