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30-1398: Anti-TCR beta Monoclonal Antibody (Clone:H57-597)(Discontinued)

Clonality :	Monoclonal
Clone Name :	H57-597
Application :	FACS, IP, IHC, IHC-Fr, ICC, Functional Assay
Reactivity :	Mouse
Gene :	Pik3cb
Gene ID :	74769
Uniprot ID :	Q8BTI9
Format :	Purified
Alternative Name :	Pik3cb
Isotype :	Hamster IgG
Immunogen Information :	Affinity purified TCR from DO-11.10 T cell hybridoma

Description

The antigen-specific T cell receptor (TCR) is composed of either alpha and beta subunit, or gamma and delta subunit. Majority of T cells present in the blood, lymph and secondary lymphoid organs express TCR alpha/beta heterodimers, whereas the T cells expressing TCR gamma/delta heterodimers are localized mainly in epithelial tissues and at the sites of infection. The subunits of TCR heterodimers are covalently bonded and in the endoplasmic reticulum they associate with CD3 subunits to form functional TCR-CD3 complex. Lack of expression of any of the chains is sufficient to stop cell surface expression.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 1-2 Ã‚µg/ml per 1 million cells
Immunoprecipitation *Recommended dilution:* 1-2 Ã‚µg / 100-500 Ã‚µg of protein in 1 ml lysate
Immunohistochemistry Immunohistochemistry (frozen sections) Immunocytochemistry Functional Application In vitro T cell stimulation; In vivo T cell depletion

For Research Use Only. Not for use in diagnostic/therapeutics procedures.