

Product datasheet

Anti-TCR alpha + TCR beta antibody [IP26] (Allophycocyanin) ab99859

1 References

概述

产品名称	Anti-TCR alpha + TCR beta 抗体 [IP26] (Allophycocyanin)
描述	小鼠单克隆抗体 [IP26] to TCR alpha + TCR beta (Allophycocyanin)
宿主	Mouse
偶联物	Allophycocyanin. Ex: 645nm, Em: 660nm
特异性	Recognizes a monomorphic determinant of TCR alpha/beta, the dominant subtype of T cell receptor expressed in human peripheral blood.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Human TCR alpha + TCR beta
阳性对照	Human peripheral blood T cells
常规说明	<p>Short term exposure to room temperature should not affect the quality of the reagent. However, if reagent is stored under any conditions other than those specified, the conditions must be verified by the user.</p> <p>The purified antibody is conjugated with Allophycocyanin (APC) under optimum conditions. No reconstitution is necessary.</p>

性能

形式	Prediluted
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS
纯度	Size exclusion
纯化说明	The unconjugated antibody was purified by protein A (G) affinity chromatography (>95% by SDS-PAGE). After conjugation, the antibody was purified by size exclusion chromatography and adjusted for direct use.
克隆	单克隆
克隆编号	IP26
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab99859** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
Flow Cyt		Use 10µl for 10 ⁶ cells. or 100 µl of whole blood

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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