

Product datasheet

Anti-TCR alpha + TCR beta antibody [TCR3] (Phycoerythrin)
ab25424

画像数 1

製品の概要

製品名	Anti-TCR alpha + TCR beta antibody [TCR3] (Phycoerythrin)
製品の詳細	Mouse monoclonal [TCR3] to TCR alpha + TCR beta (Phycoerythrin)
由来種	Mouse
標識	Phycoerythrin. Ex: 488nm, Em: 575nm
特異性	This antibody reacts with approximately 9% of thymocytes, 15-25% of blood mononuclear cells and 13% of splenocytes from young adult chickens.
アプリケーション	適用あり: Flow Cyt, IHC-Fr
種交差性	交差種: Chicken
免疫原	The details of the immunogen for this antibody are not available.
特記事項	This antibody has been shown to be useful in studies of in ovo suppression of development of TCR V beta 2 cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS; Stabilizing agent
精製度	IgG fraction
一次抗体 備考	This antibody has been shown to be useful in studies of in ovo suppression of development of TCR V beta 2 cells.
ポリ/モノ	モノクローナル
クローン名	TCR3
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25424** in the following tested applications.

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

アプリケーション	Abreviews	特記事項
Flow Cyt		Use 0.5µg for 10 ⁶ cells.
IHC-Fr		Use at an assay dependent concentration. Acetone fixed.

ターゲット情報

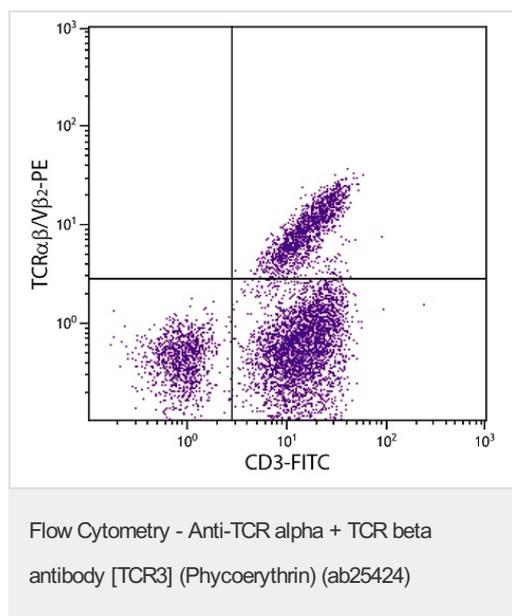
関連性

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.

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Type I membrane protein.

画像



Flow cytometry analysis staining TCR alpha + TCR beta in cells using ab25424 at a dilution of 0.1 µg/10⁶ cells.

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