

Product datasheet

Anti-MHC Class 1 H2 Db antibody [28-14-8] (Phycoerythrin)  
ab25588

画像数 1

製品の概要

<b>製品名</b>	Anti-MHC Class 1 H2 Db antibody [28-14-8] (Phycoerythrin)
<b>製品の詳細</b>	Mouse monoclonal [28-14-8] to MHC Class 1 H2 Db (Phycoerythrin)
<b>由来種</b>	Mouse
<b>標識</b>	Phycoerythrin. Ex: 488nm, Em: 575nm
<b>特異性</b>	This antibody binds to the a3 domain of H-2Db in the presence or absence of $\beta$ 2 microglobulin. It cross reacts with the a3 domain of H-2Ld, but not Kd or Dd, and with H-2Dq and/or Lq.
<b>アプリケーション</b>	<b>適用あり:</b> Flow Cyt, IHC-Fr
<b>種交差性</b>	<b>交差種:</b> Mouse
<b>免疫原</b>	C3H.SW mouse splenocytes.
<b>エピトープ</b>	This antibody recognises an epitope in the a3 domain of H-2Db.
<b>特記事項</b>	This antibody has been shown to block H-2Ld-specific and H-2Ld-restricted antigen-specific lysis of target cells by cytotoxic T lymphocytes, but it does not block recognition of H-2Ld-positive target cells by Ly-6G2-positive NK cells. It has been shown to be useful in studies of complement mediated cytotoxicity.

製品の特性

<b>製品の状態</b>	Liquid
<b>保存方法</b>	Shipped at 4°C. Store at +4°C.
<b>バッファー</b>	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS and stabilizing agent.
<b>精製度</b>	IgG fraction
<b>一次抗体 備考</b>	This antibody has been shown to block H-2Ld-specific and H-2Ld-restricted antigen-specific lysis of target cells by cytotoxic T lymphocytes, but it does not block recognition of H-2Ld-positive target cells by Ly-6G2-positive NK cells. It has been shown to be useful in studies of complement mediated cytotoxicity.
<b>ポリクローナル</b>	モノクローナル
<b>クローン名</b>	28-14-8

アイソタイプ	IgG2a
軽鎖の種類	kappa

## アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25588** 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 at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.

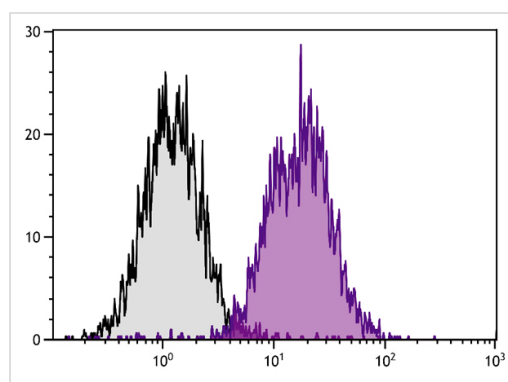
## ターゲット情報

**関連性**

In the mouse the MHC Class 1 loci are called H2K, H2L and H2D. The equivalent loci in the human MHC are HLA (Human Leukocyte Antigen). MHC class I molecules are heterodimers, consisting of a single transmembrane polypeptide chain (the  $\alpha$ -chain) which is highly polymorphic, and the invariant  $\beta$ 2 microglobulin (which is encoded elsewhere, not in the MHC). MHC class I molecules are found on almost every nucleated cell of the body. Their major function is to present peptide fragments derived from antigens to cytotoxic T cells.

**細胞内局在** Cell Membrane; single pass type I membrane protein

## 画像



Flow cytometry analysis staining MHC Class 1 H2 Db in mouse splenocytes using ab25588 at a dilution of 0.1  $\mu$ g/ $10^6$  cells. Mouse IgG2a-PE was used as an isotype control.

Flow Cytometry - Anti-MHC Class 1 H2 Db antibody [28-14-8] (Phycoerythrin) (ab25588)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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