Datasheet for ABIN135414

anti-H2-D1 antibody (Biotin)

1 Image

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Overview

Quantity:	0.5 mg
Target:	H2-D1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This H2-D1 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	C3H.SW mouse splenocytes
Clone:	28-14-8
Isotype:	IgG2a
Specificity:	Mouse H-2Db
Characteristics:	Mouse Anti-Mouse H-2Db-BIOT

Target Details

Target:	H2-D1
Alternative Name:	H-2Db (H2-D1 Products)
Background:	The classical MHC Class I molecules are histocompatibility antigens encoded by the H-2 gene complex and consist of heterodimers of highly polymorphic chains noncovalently associated

Target Details

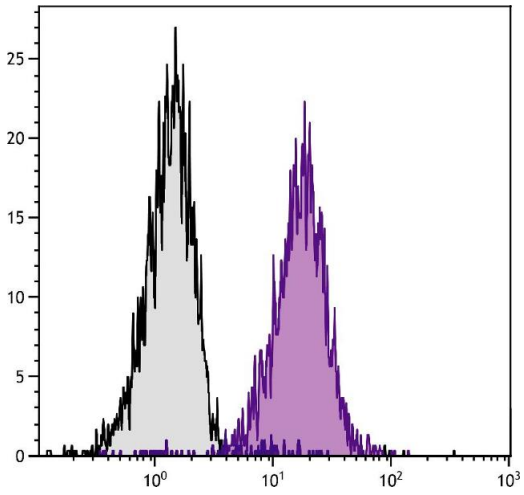
	with the invariant 2-microglobulin. These antigens are expressed on most nucleated cells but expression varies on different cell types. MHC Class I molecules present endogenously synthesized peptides to CD8+ T lymphocytes, which are usually cytotoxic T cells.5 MHC Class I antigens expressed on thymic epithelial cells regulate the positive and negative selection of CD8+ T cells during T cell ontogeny.
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IP - Reported in literature , Block - Reported in literature , CMCD - Reported in literature • **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, and AF488 conjugates 1 g/106 cells PE conjugate 0.5 g/106 cells APC conjugate 0.1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Comment:	Complement-mediated cytotoxicity
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	0.5 mg in 1.0 mL of PBS/Sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	**Protect conjugated products from light.** Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C



Flow Cytometry

Image 1. C57BL/6 mouse splenocytes were stained with Mouse Anti-Mouse H-2Db-PE.

