



[Go to Product page](#)

Datasheet for ABIN7456694
anti-MHC Class II antibody (Biotin)

Overview

Quantity:	25 µg
Target:	MHC Class II (MHC2)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This MHC Class II antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Clone:	M1-42
Isotype:	IgG2a, kappa

Target Details

Target:	MHC Class II (MHC2)
Alternative Name:	H-2 (MHC2 Products)
Background:	Mouse major histocompatibility complex (MHC) H-2, MHC I, The M1/42 antibody reacts with the H-2 MHC class I alloantigens expressed on nucleated cells from mice of the a, b, d, j, k, s, and u haplotypes (Stallcup, KC et al, 1981). MHC class I is involved in antigen presentation to T cells expressing CD3/TCR and CD8 proteins.
Gene ID:	111364

Application Details

Application Notes: For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Comment: Matching Isotype Control: Biotin Rat IgG2a, κ Isotype Control (ABIN7469838)

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS with 0.05 % Proclin300, 1 % BSA

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2~8°C. Do not freeze.