

## ARG21082 anti-MHC Class I H2 Dd antibody [34-5-8S] (Biotin)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Mouse Monoclonal antibody [34-5-8S] recognizes MHC Class I H2 Dd
Tested Reactivity	Ms
Tested Application	BL, ELISA, FACS, ICC/IF, Puri
Specificity	The clone 34-5-8S reacts with a conformational epitope on H-2Dd MHC Class I found on the N-terminal domains of α1 and α2 chains when complexed with β2-microglobulin. The antibody does not react with H-2Dd α chains synthesized in vitro. Weak cross-reactivity with cells from mice of the H-2b, H-2q, and H-2s haplotypes has been observed by flow cytometric analysis.
Host	Mouse
Clonality	Monoclonal
Clone	34-5-8S
Isotype	IgG2a, kappa
Target Name	MHC Class I H2 Dd
Species	Mouse
Immunogen	BDF1 mouse splenocytes
Conjugation	Biotin
Alternate Names	H-2 class I histocompatibility antigen, D-B alpha chain; H2-D; B; H-2D

### Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent
	ELISA	Assay-dependent
	FACS	< 1 µg/10 <sup>6</sup> cells
	ICC/IF	Assay-dependent
	Puri	Assay-dependent
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

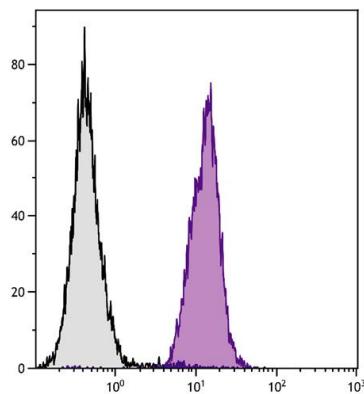
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml

Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 14964 Mouse</a> <a href="#">Swiss-port # P01899 Mouse</a>
Gene Symbol	H2-D1
Gene Full Name	histocompatibility 2, D region locus 1
Function	Involved in the presentation of foreign antigens to the immune system. [UniProt]
Calculated Mw	41 kDa

## Images



ARG21082 anti-MHC Class I H2 Dd antibody [34-5-8S] (Biotin) FACS image

Flow Cytometry: DBA/2 Mouse splenocytes stained with ARG21082 anti-MHC Class I H2 Dd antibody [34-5-8S] (Biotin) followed by Streptavidin (FITC).