

## ARG21072 anti-MHC Class I H2 Db antibody [28-14-8] (FITC)

Package: 100 µg  
Store at: 4°C

### Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [28-14-8] recognizes MHC Class I H2 Db
Tested Reactivity	Ms
Tested Application	BL, FACS, IHC-Fr
Specificity	The clone 28-14-8 binds to the α3 domain of H-2Db in the presence or absence of β2 microglobulin. It cross reacts with the α3 domain of H-2Ld, but not Kd or Dd, and with H-2Dq and/or Lq. 28-14-8 can 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.
Host	Mouse
Clonality	Monoclonal
Clone	28-14-8
Isotype	IgG2a, kappa
Target Name	MHC Class I H2 Db
Species	Mouse
Immunogen	C3H.SW mouse splenocytes
Conjugation	FITC
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
	FACS	< 1 µg/10 <sup>6</sup> cells
	IHC-Fr	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

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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