

ARG21071 anti-MHC Class I H2 Db antibody [28-14-8]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [28-14-8] recognizes MHC Class I H2 Db
Tested Reactivity	Ms
Tested Application	BL, FACS, IHC-Fr, IP
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	Un-conjugated
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 ⁶ cells
	IHC-Fr	Assay-dependent
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

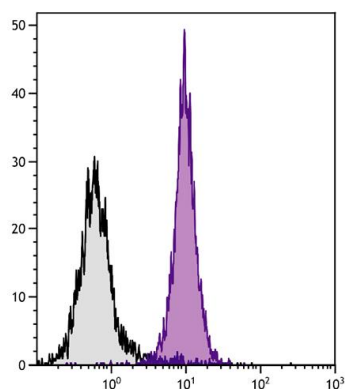
Properties

Form	Liquid
Buffer	BBS (pH 8.2)
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	GeneID: 14964 Mouse Swiss-port # P01899 Mouse
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



ARG21071 anti-MHC Class I H2 Db antibody [28-14-8] FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG21071 anti-MHC Class I H2 Db antibody [28-14-8] followed by [ARG23802](#) Goat anti-Mouse IgG2a antibody (FITC) (pre-adsorbed).