

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.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 14964 Mouse](#)

[Swiss-port # P01899 Mouse](#)

Gene Symbol

H2-D1

Gene Full Name

histocompatibility 2, D region locus 1

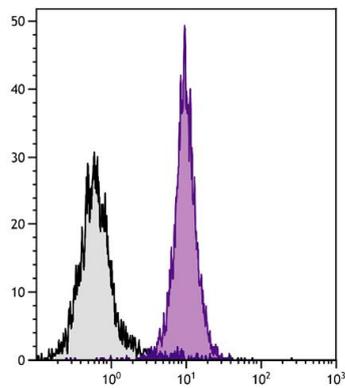
Function

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).