

ARG21079 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (PE)

Package: 50 µg
Store at: 4°C

Summary

Product Description	PE-conjugated Mouse Monoclonal antibody [34-1-2S] recognizes MHC Class I H2 Kd + H2 Dd
Tested Reactivity	Ms
Tested Application	BL, EM, FACS, ICC/IF
Specificity	Mouse H-2Kd/H-2Dd. The clone 34-1-2S binds to a common determinant in the $\alpha 3$ domains of H-2Kd and H-2Dd in the presence or absence of $\beta 2$ microglobulin. It cross reacts with the $\alpha 3$ domain of H-2Kb.
Host	Mouse
Clonality	Monoclonal
Clone	34-1-2S
Isotype	IgG2a, kappa
Target Name	MHC Class I H2 Kd + H2 Dd
Species	Mouse
Immunogen	BDF1 mouse splenocytes
Conjugation	PE
Alternate Names	K-f; B; H-2 class I histocompatibility antigen, K-B alpha chain; H-2K; H-2K(d); H2-K

Application Instructions

Application table	Application	Dilution
	BL	Assay-dependent
	EM	Assay-dependent
	FACS	< 0.1 µg/10 ⁶ cells
	ICC/IF	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, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 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.

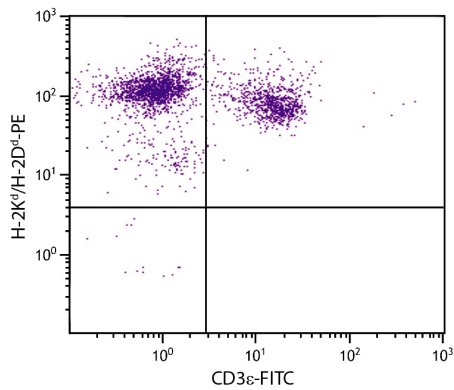
Note

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

Bioinformation

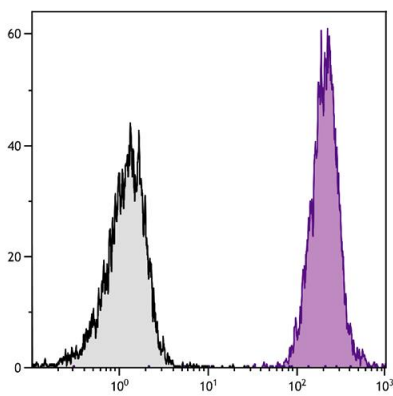
Database links	GeneID: 14972 Mouse Swiss-port # P01901 Mouse
Gene Symbol	H2-K1
Gene Full Name	histocompatibility 2, K1, K region
Function	Involved in the presentation of foreign antigens to the immune system. [UniProt]
Calculated Mw	41 kDa

Images



ARG21079 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (PE)
FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG21079 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (PE) and anti-CD3ε antibody [C363.29B] (FITC).



ARG21079 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (PE)
FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG21079 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (PE).