

## 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
Antigen 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 <sup>6</sup> 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.	
Calculated Mw	41 kDa	

### 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](#)

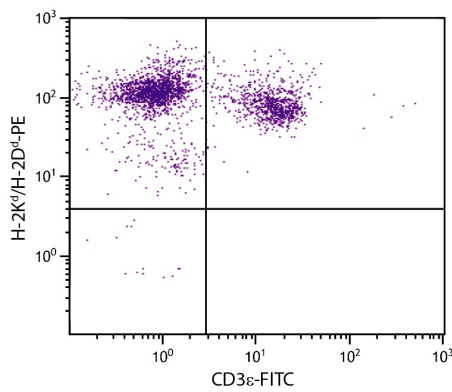
[Swiss-port # P01901 Mouse](#)

**Gene Symbol** H2-K1

**Gene Full Name** histocompatibility 2, K1, K region

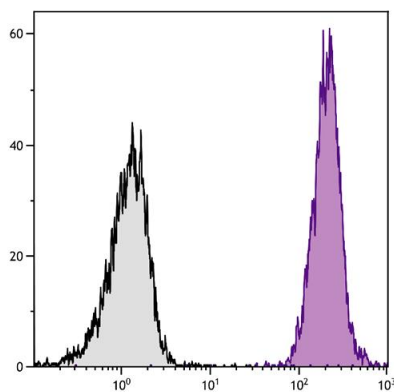
**Function** Involved in the presentation of foreign antigens to the immune system. [UniProt]

## 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).