

ARG21080 anti-MHC Class I H2 Dd antibody [34-5-8S]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [34-5-8S] recognizes MHC Class I H2 Dd
Tested Reactivity	Ms
Tested Application	BL, ELISA, FACS, ICC/IF, IP, Puri
Specificity	The clone 34-5-8S reacts with a conformational epitope on H-2Dd MHC Class I found on the N-terminal domains of $\alpha 1$ and $\alpha 2$ chains when complexed with $\beta 2$ -microglobulin. The antibody does not react with H-2Dd α chains synthesized in vitro. Weak cross-reactivity with cells from mice of the H-2b, H-2q, and H-2s haplotypes has been observed by flow cytometric analysis.
Host	Mouse
Clonality	Monoclonal
Clone	34-5-8S
Isotype	IgG2a, kappa
Target Name	MHC Class I H2 Dd
Species	Mouse
Immunogen	BDF1 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
	ELISA	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IP	Assay-dependent
	Puri	Assay-dependent
Application Note	Blocking: Antibody clone [34-5-8S] recognizing distinct D ^d alpha1/alpha2 domain blocks EL4 adhesion to affinity-purified D ^d . PMID: 8113669 * 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