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ARG21081
anti-MHC Class I H2 Dd antibody [34-5-8S] (FITC)

Package: 100 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [34-5-8S] recognizes MHC Class I H2 Dd
Tested Reactivity	Ms
Tested Application	BL, FACS, ICC/IF
Specificity	The clone 34-5-8S reacts with a conformational epitope on H-2Dd MHC Class I found on the N-terminal domains of α1 and α2 chains when complexed with β2-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	FITC
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
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

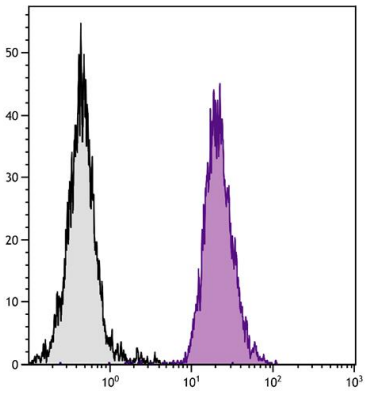
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

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

Bioinformation

Database links	GeneID: 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



ARG21081 anti-MHC Class I H2 Dd antibody [34-5-8S] (FITC) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG21081 anti-MHC Class I H2 Dd antibody [34-5-8S] (FITC).