

ARG21078 anti-MHC Class I H2 Kd + H2 Dd antibody [34-1-2S] (Biotin)

Package: 100 µg
Store at: 4°C

Summary

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| Product Description | Biotin-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 α3 domains of H-2Kd and H-2Dd in the presence or absence of β2 microglobulin. It cross reacts with the α3 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 | Biotin |
| 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 | < 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

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| 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

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|----------------|--|
| 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 |