

Monoclonal Antibody to MHC Class I H-2Kd,Dd,q,u,v - Purified

Catalog No.:	BM2243
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (OD280 nm)
Host / Isotype:	Mouse / IgG3
Recommended Isotype Controls:	AM03097PU-N
Clone:	A5A1-Do4
Format:	State: Liquid purified Ig fraction. Purification: Protein G chromatography. Buffer System: 0.01 M PBS, pH 7.4, containing 1% BSA as stabilizer and 0.09% Sodium Azide as preservative.
Applications:	Cell surface analysis, genetic mapping, allele specific cell elimination, FACS analysis, complement-dependent microcytotoxicity killing. Immunoprecipitation. Functional studies: blocking CTLs (class I-specific). Flow Cytometric applications (1 µg/1x10 ⁶ cells/test). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Detects classical mouse class I antigen; MW 45 kDa ubiquitously distributed. Present on 100% of T-Cells, B-Cells, Erythrocytes, Macrophages, Endothelial and Epithelial tissue. Positive with this antibody are strains of independent haplotypes H-2KdDd,q,u. Positive are intra-H-2 recombinants carrying alleles Kd, Dd, Ld, Dq. Strains carrying all other alleles are negative.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Hauptfeld, V. (1984), Immunogenetics, 19: 169.