

H-2Dk Monoclonal Antibody (15-5-5), PE

Catalog NumberMM4004

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Mouse
Host/Isotope	Mouse / IgG2a, kappa	Tested Applications	
Class	Monoclonal	Flow Cytometry (Flow)	Dilution * 1 µg/1x10^6 cells
Type	Antibody	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Clone	15-5-5		
Immunogen	Mouse H-2Dk. from C3H mouse splenocytes		
Conjugate	PE		
Form	Liquid		
Concentration	0.1 mg/mL		
Purification	purified		
Storage buffer	PBS		
Contains	<0.1% sodium azide		
Storage Conditions	4° C, store in dark, DO NOT FREEZE!		

**Background/Target Information**

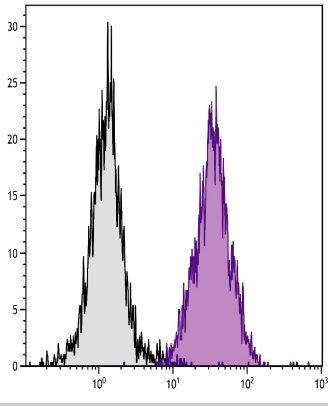
MHC Class I (H-2Dk) antibody reacts with the H-2Dk class I alloantigen. It cross-reacts with H-2Kd and with cells from mice with the H-2f haplotype. The antibody does not react with other (e.g., a, b, p, q, r, s) haplotypes. HLA and MHC antibodies play a significant role in Immunopeptidomics, facilitating the identification and characterization of neoantigens through high-performance liquid chromatography coupled to tandem Mass Spectrometry.

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**H-2Dk Antibody (MM4004) in Flow**

Flow cytometry analysis of H-2Dk in C3H/He mouse splenocytes. Cells were stained using H-2Dk Monoclonal Antibody (15-5-5S), PE (Product # MM4004).

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