

H-2Kd Monoclonal Antibody (31-3-4S)

Catalog NumberMA1-70107

Product data sheet

Details		Species Reactivity	
Size	250 µg	Species reactivity	Mouse
Host/Isotope	Mouse / IgM	Tested Applications	
Class	Monoclonal	Dilution *	
Type	Antibody	Flow Cytometry (Flow)	1 µg/1 million cells
Clone	31-3-4S	* 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.	
Immunogen	H-2Kd from BALB/c		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Protein G		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

MA1-70107 detects a private determinant (H-2.31) of the H-2Kd antigen in mouse samples. MA1-70107 has been successfully used in flow cytometry procedures. The MA1-70107 immunogen is H-2Kd from BALB/c.

Background/Target Information

This protein is an MHC class I alloantigen, which is involved in antigen presentation to T cells expressing CD3/TCR and CD8. 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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