

MHC Class I H-2Kb antibody [25-D1-16]

Cat. No. GTX14318

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM, Functional Assay
Reactivity	Mouse

Package
500 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Product Note

The 25-D1.16 monoclonal antibody reacts with mouse MHC class I H-2Kb bound to the ovalbumin-derived peptide with sequence SIINFEKL. This antibody does not react with unbound MHC class I H-2Kb or MHC class I H-2Kb bound to an irrelevant peptide. The 25-D1.16 antibody is often used to track the quantity and localization of antigen-presenting cells bearing these specific molecules in vivo.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	SIINFEKL pulsed RMA-S cells
Purification	Protein G purified From tissue culture supernatant
Purity	>95% (Determined by SDS-PAGE)
Endotoxin	< 0.002 EU/µg (Determined by LAL assay)
Conjugation	Unconjugated



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