



InVivoMAb anti-mouse MHC Class I (H-2K^b) bound to SIINFEKL peptide

Lot Specific Information

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|-----------------------|---|
| Lot Number: | Lot Specific* |
| Volume: | Lot Specific* |
| Concentration: | Lot Specific* (generally 4 to 11 mg/ml) * |
| Total Protein: | Lot Specific* |

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

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|--|---|
| Catalog Number: | BE0207 |
| Clone: | 25-D1.16 |
| Isotype: | Mouse IgG1, κ |
| Recommended Isotype Control(s): | InVivoMAb mouse IgG1 isotype control, unknown specificity |
| Recommended Dilution Buffer: | InVivoPure pH 7.0 Dilution Buffer |
| Immunogen: | SIINFEKL pulsed RMA-S cells |
| Reported Applications: | Functional assays Flow cytometry |
| Formulation: | PBS, pH 7.0 Contains no stabilizers or preservatives |
| Endotoxin: | <2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay |
| Purity: | >95% Determined by SDS-PAGE |
| Sterility: | 0.2 μM filtered |
| Production: | Purified from tissue culture supernatant in an animal free facility |
| Purification: | Protein G |
| RRID: | AB_10950697 |
| Molecular Weight: | 150 kDa |

Description

The 25-D1.16 monoclonal antibody reacts with mouse MHC class I H-2K^b bound to the ovalbumin-derived peptide with sequence SIINFEKL. This antibody does not react with unbound MHC class I H-2K^b or MHC class I H-2K^b 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*.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**
All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at bxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit <https://bxcell.com/product/mhc-class-i/#references> or scan the QR code below.

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