

Anti-Mouse H-2Kb (MHC Class I) [Y-3] In Vivo Antibody - Ultra Low Endotoxin

Product Information

Product SKU:

IVMB0010

Size:

1mg, 5mg, 25mg, 50mg, 100mg

Concentration:

≥ 5.0 mg/ml

Isotype:

Mouse IgG2b κ

Host:

Mouse

Clone:

Y-3

Category:

Monoclonal Antibody

Reactivity:

Mouse

Synonyms:

H-2K, H-2 class I histocompatibility antigen, K-B alpha chain, H-2K(B), H-2K(K), H-2K(Q), H-2K(R), H-2K(S), Beta-2-microglobulin

Specificity:

Clone Y-3 recognizes an epitope on mouse MHC class I H-2K haplotypes b, k, q, r, s, but not d.

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

Endotoxin Level:

<0.5 EU/mg as determined by the LAL method

Purity:

≥98% monomer by analytical SEC · >95% by SDS Page

Immunogen:

Con A stimulated spleen cells from BALB.B mice

Storage and Stability:

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Product Preparation:

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Applications

FA, ICC, IP, WB

Applications & Recommended Usage: