

Anti-Mouse CD90 (Thy-1) [HK2.1] In Vivo Antibody - Ultra Low Endotoxin

Product Information

Product SKU:

IVMB0159

Size:

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

Concentration:

≥ 5.0 mg/ml

Isotype:

Rat IgG2c

Host:

Rat

Clone:

HK2.1

Category:

Monoclonal Antibody

Reactivity:

Mouse

Synonyms:

T25, CD90, Thy-1, Thy1.1, Thy1.2, Thy-1.2

Specificity:

Clone HK2.1 recognizes a non-polymorphic determinant on mouse CD90 (Thy1.1 and Thy1.2 alloantigens).

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:

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, WB

Applications & Recommended Usage:

FC FC The suggested concentration for this HK2.1 antibody for staining cells in flow cytometry is ≤ .25 µg per 10⁶ cells in a volume of 100 µl or 100µl of whole blood. Titration of the reagent is recommended for optimal performance for each application.