

Human IgG4 (S228P) Isotype Control

Purified No Carrier Protein

Recombinant Isotype Control

Product Information

Product No.: LT9020
Clone: MOPC21.4
RRID: AB_2894032
Isotype: Human IgG4k
Storage: Sterile 2-8°C

Product Description

Specificity:

This Human IgG4 isotype control antibody has been tested against selected species' cells and tissues to assure minimal cross reactivity. Furthermore, this Low Endotoxin Functional Formulation is suitable for in vivo applications.

Background:

The S228P mutation is included to prevent IgG4 Fab exchange.

Expression Host:

HEK-293 Cells

Format:

Purified No Carrier Protein

Formulation

This recombinant 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. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Purity

≥95% by SDS Page, ≥95% monomer by analytical SEC

Endotoxin

< 0.5 EU / ml as determined by the LAL method

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

Recombinant 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.

Pathogen Testing

To protect mouse colonies from infection by pathogens and to assure that experimental preclinical data is not affected by such pathogens, all of Leinco's recombinant biosimilar antibodies are tested and guaranteed to be negative for all pathogens in the IDEXX IMPACT I Mouse Profile.

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC Refer to specific primary antibody of interest for concentration usage

Country of Origin

USA