

Human IgG Fc Specific Antibody

Purified in vivo GOLD™ Functional Grade

Monoclonal Antibody

Product Information

Product No.: I-1193
Clone: HP6043
RRID: AB_2893813
Isotype: Mouse IgG2b
Storage: Sterile 2-8°C

Product Description

Specificity:

Mouse Anti-Human IgG, Fc Fragment Specific (Clone HP6043) recognizes Human IgG, Fc Fragments. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Known Reactivity Species:

Human

Format:

Purified in vivo Functional Grade

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. 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% monomer by analytical SEC, >95% by SDS Page

Endotoxin

< 1.0 EU/mg 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 ≤ -70°C.

Avoid Repeated Freeze Thaw Cycles.

Product Preparation

Functional grade preclinical antibodies are manufactured in an animal free facility using *in vitro* 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

Applications and Recommended Usage (Quality Tested By Leinco):

FC This antibody has been quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume.

ELISA This antibody is useful as the capture antibody in a sandwich ELISA. The suggested coating concentration is 5 µg/ml (100 µl/well) µg/ml.

Country of Origin

USA

References

1.) Herrera et. al. (2020) medRxiv 20184713 [Journal Link](#)