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**TECHNICAL DATASHEET**

# Human IgG4 Isotype Control

## Ref # BIO.061.0

## Product Description

Description	Recombinant antibody to a synthetic hapten This antibody is a negative control.
Isotype	Human IgG4, kappa recombinant antibody
Specificity	The antibody is directed against a chemical small molecule. Do not cross react against mammalian proteins.

## Properties

Concentration	Lot dependent. Refer to the certificate of analysis.
Storage instructions	Store at +4°C short term (1-2 month). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles
Storage buffer	Phosphate Buffer 10mM - NaCl 0.15M - pH 7.4
Production	Production in CHO cells
Purification	Purified IgG fraction prepared by affinity chromatography on protein A
Endotoxin Level	<10 EU/mg by the LAL method (see certificate of analysis for the level of each lot)
Restrictions	For research use only. Not for use in diagnostic or therapeutics procedures.

## Applications

ELISA	Use at an assay dependent dilution
In vivo	Use at an assay dependent dilution
Flow cytometry	Use at an assay dependent dilution
Optimal dilutions/concentrations should be determined by the end user	