

# Rat IgG2b kappa Isotype Control (eB149/10H5), Functional Grade, eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Rat / IgG2b, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eB149/10H5
Conjugate	Functional Grade
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage conditions	4°C
RRID	AB_470151

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	-	0 Publication
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Neutralization (Neu)	-	0 Publication
Functional Assay (Functional)	Assay-Dependent	0 Publication
Control (Ctrl)	Assay-Dependent	0 Publication
Inhibition Assays (IA)	-	0 Publication

## Product Specific Information

**Description:** The rat IgG2b, kappa monoclonal antibody is useful as an isotype control immunoglobulin.

**Applications Reported:** The monoclonal rat IgG2b kappa isotype control has been reported for use in flow cytometric analysis.

**Applications Tested:** This rat IgG2b isotype control has been tested by flow cytometric analysis of mouse splenocyte suspensions. It can be used at the same concentration as the experimental antibody.

**Storage and handling:** Use in a sterile environment.

**Filtration:** 0.2 µm post-manufacturing filtered.

**Purity:** Greater than 90%, as determined by SDS-PAGE.

**Endotoxin Level:** Less than 0.001 ng/µg antibody, as determined by LAL assay.

**Aggregation:** Less than 10%, as determined by HPLC.

## 42 References

CD24 Regulates the Formation of Ectosomes in B Lymphocytes. *J Extracell Vesicles* (2025)

IL-6 Signalling to Responding T Cells Is Key to Calcitonin Gene-Related Peptide-Exposed Endothelial Cell Enhancement of Th17 Immunity During Langerhans Cell Antigen Presentation. *Immunology* (2025)

Myocarditis and neutrophil-mediated vascular leakage but not cytokine storm associated with fatal murine leptospirosis. *EBioMedicine* (2025)

Myocarditis and neutrophil-mediated vascular leakage but not cytokine storm associated with fatal murine leptospirosis *bioRxiv* (2024)

Investigating human monocyte adhesion, migration and transmigration and their modulation by Zika virus. *Eur J Cell Biol* (2024)

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