

# Rat IgG1 kappa Isotype Control (eBRG1), Biotin, eBioscience™

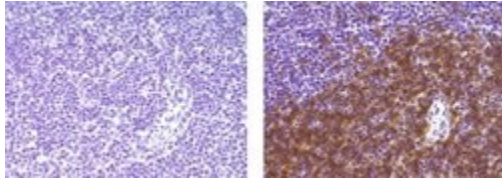
Product Details	
Size	100 µg
Published Species	Human, Mouse
Host/Isotope	Rat / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	eBRG1
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_470081

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-Dependent	1 Publication
Flow Cytometry (Flow)	Assay-Dependent	1 Publication
Immunocytochemistry (ICC)	Assay-Dependent	-
Immunofluorescence (IF)	Assay-Dependent	-
Immunohistochemistry (IHC)	Assay-Dependent	-

## Product Specific Information

**Description:** The monoclonal rat IgG1, kappa is useful as an isotype control immunoglobulin.  
**Applications Reported:** This rat IgG1 isotype control can be used in immunohistochemistry, immunocytochemistry, flow cytometric analysis, and ELISA.  
**Applications Tested:** This rat IgG1 isotype control has been used by flow cytometric analysis of mouse splenocyte suspension and can be used at the same concentration as the experimental antibody.  
**Filtration:** 0.2 µm post-manufacturing filtered.

## Product Images For Rat IgG1 kappa Isotype Control (eBRG1), Biotin, eBioscience™



### Rat IgG1 kappa Isotype Control (13-4301-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded mouse spleen using 10 µg/mL of Rat IgG1 K Isotype Control Biotin (left) or 10 µg/mL of Anti-Mouse CD4 Biotin (right) followed by Streptavidin HRP and DAB visualization. Nuclei are counterstained with hematoxylin.

## 2 References

### Control (1)

SpringerPlus

#### The Ser/Thr kinase MAP4K4 drives c-Met-induced motility and invasiveness in a cell-based model of SHH medulloblastoma.

"13-4301 was used as a Control in experiments to investigate whether HGF could drive dissemination of medulloblastoma cells expressing high levels of c-Met."

Authors: Santhana Kumar K, Tripolitsioti D, Ma M, Grählert J, Egli KB, Fiaschetti G, Shalaby T, Grotzer MA, Baumgartner M

**Species**  
Human

**Dilution**  
1:100

**Year**  
2015

### Flow Cytometry (1)

Stem cells and development

#### In vitro multilineage differentiation and self-renewal of single pancreatic colony-forming cells from adult C57BL/6 mice.

"13-4301 was used in Flow cytometry/Cell sorting to show that the pancreatic colony assays allow quantitative analyses of progenitors at a single-cell level, useful for elucidating in vitro mechanisms."

Authors: Jin L, Feng T, Zerda R, Chen CC, Riggs AD, Ku HT

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2014

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