

# Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™

## Product Details

Size	500 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	P3.6.2.8.1
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_470089

## Applications

## Tested Dilution

## Publications

Immunohistochemistry (IHC)	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

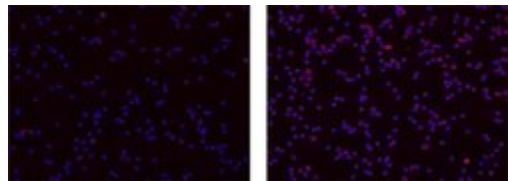
**Description:** The monoclonal mouse IgG1 K immunoglobulin is useful as an isotype control.

**Applications Reported:** Biotin Mouse IgG1 K Isotype Control has been reported for use in immunocytochemistry, immunohistochemistry, and flow cytometric analysis.

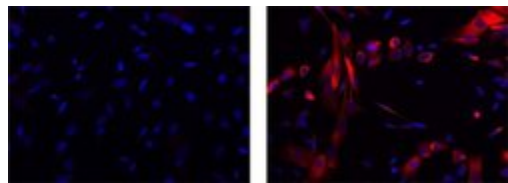
**Applications Tested:** This Mouse IgG1 Isotype Control has been tested by flow cytometric analysis of human peripheral leukocytes. It should be used at the same concentration as the experimental antibody.

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

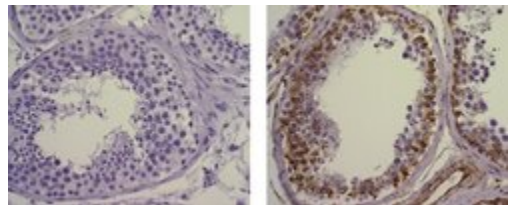
Product Images For Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™



**Mouse IgG1 kappa Isotype Control (13-4714-85) in ICC/IF**  
Immunocytochemistry of fixed and permeabilized human PBMC (stimulated with LPS and monensin for 5 hours) stained with 20 µg/mL of Mouse IgG1 K Isotype Control Biotin (left) or 20 µg/mL of Anti-Human IL-37 (IL-1F7) Biotin. Cells were then stained with Streptavidin eFluor® 570 followed by cytospin. Nuclei are stained with DAPI.



**Mouse IgG1 kappa Isotype Control (13-4714-85) in ICC/IF**  
Immunofluorescent analysis of MeOH-fixed SK-N-SH cells using 5 µg/mL of Mouse IgG1 K Isotype Control Biotin (left) or 5 µg/mL of Anti-APP (Amyloid Precursor Protein) Biotin (right) followed by Streptavidin eFluor® 570. Nuclei are stained with DAPI.



**Mouse IgG1 kappa Isotype Control (13-4714-85) in IHC (P)**  
Immunohistochemistry of formalin-fixed paraffin embedded human testes tissue using 20 µg/mL of Mouse IgG1 K Isotype Control Biotin (Product # 13-4714-85) (left) or 20 µg/mL of Anti-Human Cyclin E Biotin (right) followed by Streptavidin HRP and DAB visualization. Nuclei are counterstained with hematoxylin.

[View more figures on thermofisher.com](#)

6 References

Purity and yield of melanoma exosomes are dependent on isolation method. J Extracell Vesicles (2019)

Rap1 and membrane lipids cooperatively recruit talin to trigger integrin activation. J Cell Sci (2019)

GM-CSF Mediates Mesenchymal-Epithelial Cross-talk in Pancreatic Cancer. Cancer Discov (2016)

Improved efficacy of mitoxantrone in patients with castration-resistant prostate cancer after vaccination with GM-CSF-transduced allogeneic prostate cancer cells. Oncoimmunology (2016)

Contrast-enhanced optical coherence tomography with picomolar sensitivity for functional in vivo imaging. Sci Rep (2016)

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