

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

## Product Details

Size	50 µg
Host/Isotype	Mouse / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	P3.6.2.8.1
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_470021

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	0 Publication
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Control (Ctrl)	Assay-Dependent	0 Publication

## Product Specific Information

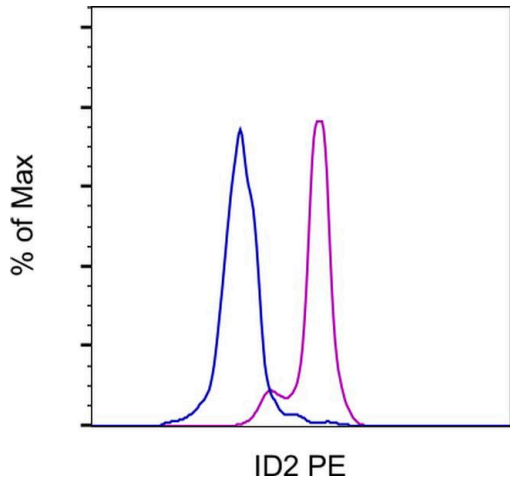
**Description:** The monoclonal mouse IgG1 K immunoglobulin is useful as an isotype control.

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

**Applications Tested:** This Mouse IgG1 K Isotype Control can be used at the same concentration as the experimental antibody.

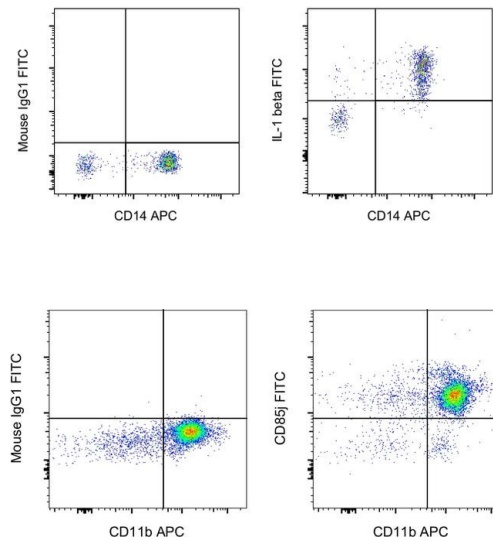
**Excitation:** 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

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



**Mouse IgG1 kappa Isotype Control (11-4714-81) in Flow**

C57BL/6 mouse splenocytes were stained intracellularly, using the Foxp3 /Transcription Factor Staining Buffer Set (Product # 00-5523-00) and protocol, with 1.0 µg of Mouse IgG1 kappa Isotype Control, PE (Product # 11-4714-82) (blue histogram) or 1.0 µg of ID2 Monoclonal Antibody, PE (purple histogram). Splenocytes within the lymphocyte gate positive for NK1.1 Monoclonal Antibody, APC (Product # 17-5941-82) and CD49b Monoclonal Antibody, APC (Product # 17-5971-82) were used for analysis.



**Mouse IgG1 kappa Isotype Control (11-4714-81) in Flow**

Normal human peripheral blood cells were stimulated for 4 hours with LPS (Product # 00-4976-03) in the presence of Brefeldin A (Product # 00-4506-51). Cells were then surface stained with CD14 Monoclonal Antibody, APC (Product # 17-0149-42), followed by intracellular staining using the Intracellular Fixation & Permeabilization Buffer Set (Product # 88-8824-00) and protocol, with and Mouse IgG1 kappa Isotype Control, FITC (Product # 11-4714-82) (left) or CRM56 Monoclonal Antibody, FITC (right). Cells in the monocyte gate were used for analysis.

**Mouse IgG1 kappa Isotype Control (11-4714-81) in Flow**

Normal human peripheral blood cells were stained with CD11b Monoclonal Antibody, APC (Product # 17-0118-42) and Mouse IgG1 kappa Isotype Control, FITC (Product # 11-4714-82) (left) or CD85j Monoclonal Antibody, FITC (right). Cells in the monocyte gate were used for analysis.

[View more figures on thermofisher.cn](https://thermofisher.cn)

## 81 References

3D printed PLGA/MgO/PDA composite scaffold by low-temperature deposition manufacturing for bone tissue engineering applications. Regen Ther (2023)

STING signaling activation modulates macrophage polarization via CCL2 in radiation-induced lung injury. J Transl Med (2023)

Molecular basis for nuclear accumulation and targeting of the inhibitor of apoptosis BIRC2. Nat Struct Mol Biol (2023)

Irreversible HER2 inhibitors overcome resistance to the RSL3 ferroptosis inducer in non-HER2 amplified luminal breast cancer. Cell Death Dis (2023)

The regulatory effect of the YY1/miRHCC2/BAMBI axis on the stemness of liver cancer cells. Int J Oncol (2023)

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