

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

Product Details	
Size	100 Tests
Published Species	Human, Mouse
Expression System	Mouse / IgG1, kappa
Class	Control
Type	Isotype Control
Clone	P3.6.2.8.1
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10596964

Applications	Tested Dilution	Publications
Control (Ctrl)	Assay-Dependent	-
Flow Cytometry (Flow)	5 µL (1 µg)/test	28 Publications
Immunocytochemistry (ICC)	Assay-Dependent	1 Publication
Immunofluorescence (IF)	Assay-Dependent	2 Publications
Immunohistochemistry (IHC)	Assay-Dependent	-

Product Specific Information

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

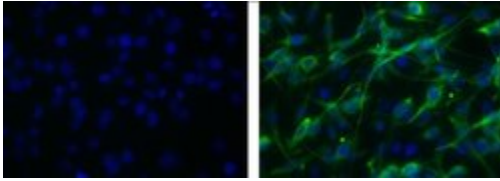
Applications Reported: FITC Mouse IgG1 K Isotype Control has been reported for use in immunocytochemistry, immunohistochemistry, and flow cytometric analysis.

Applications Tested: This Mouse IgG1 K Isotype Control is offered in 2 formats: - µg size: This can be used at the same concentration as the experimental antibody. - test size: has been pre-titrated and can be used at 5 µL (1 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

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

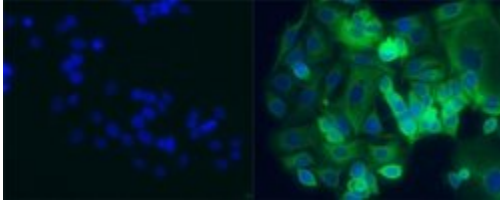
Filtration: 0.2 µm post-manufacturing filtered.

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



Mouse IgG1 kappa Isotype Control (11-4714-42) in ICC

Immunocytochemistry of fixed and permeabilized C6 cells using 1 µg/mL of Mouse IgG1 Isotype Control FITC (Product # 11-4714-42) (left) or 1 µg/mL of Anti-Vimentin FITC (right). Nuclei are counterstained with DAPI.



Mouse IgG1 kappa Isotype Control (11-4714-42) in ICC

Immunocytochemistry of fixed MCF7 cells using 10 µg/mL of mouse IgG1 isotype control FITC (Product # 11-4714-42) (left) or Anti-Human Cytokeratin 8 FITC (right). Nuclei are counterstained with DAPI.

31 References

Immunocytochemistry (1)

Frontiers in pharmacology

Disruption of PD-1 Enhanced the Anti-tumor Activity of Chimeric Antigen Receptor T Cells Against Hepatocellular Carcinoma.

"11-4714 was used in Immunocytochemistry to indicate the enhanced anti-tumor efficacy of PD-1-deficient chimeric antigen receptor T cells against hepatocellular carcinoma."

Authors: Guo X, Jiang H, Shi B, Zhou M, Zhang H, Shi Z, Du G, Luo H, Wu X, Wang Y, Sun R, Li Z

Species

Not Applicable

Dilution

Not Cited

Year

2020

Immunofluorescence (2)

Frontiers in pharmacology

Disruption of PD-1 Enhanced the Anti-tumor Activity of Chimeric Antigen Receptor T Cells Against Hepatocellular Carcinoma.

"11-4714 was used in Immunocytochemistry to indicate the enhanced anti-tumor efficacy of PD-1-deficient chimeric antigen receptor T cells against hepatocellular carcinoma."

Authors: Guo X, Jiang H, Shi B, Zhou M, Zhang H, Shi Z, Du G, Luo H, Wu X, Wang Y, Sun R, Li Z

Species

Not Applicable

Dilution

Not Cited

Year

2020

Iranian journal of reproductive medicine

Comparison of differentiation potential of male mouse adipose tissue and bone marrow derived-mesenchymal stem cells into germ cells.

"11-4714 was used in Immunofluorescence to investigate appropriate sources beyond embryonic stem cells to obtain germ cells and to compare the differential potentials of these cells."

Authors: Hosseinzadeh Shirzeily M, Pasbakhsh P, Amidi F, Mehrannia K, Sobhani A

Species

Mouse
Not Applicable

Dilution

1:200

1:200

Year

2013

Flow Cytometry (28)

Frontiers in immunology

TGF- Affects the Differentiation of Human GM-CSF⁺ CD4⁺ T Cells in an Activation- and Sodium-Dependent Manner.

"11-4714 was used in Flow cytometry/Cell sorting to study the environmental cues that promote differentiation of granulocyte-macrophage colony-stimulating factor producing T cells."

Authors: Éliás S, Schmidt A, Kannan V, Andersson J, Tegnér J

Species

Human

Dilution

Not Cited

Year

2019

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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