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

Product Details	
Size	100 Tests
Published Species	Human, Mouse
Host/Isotype	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.

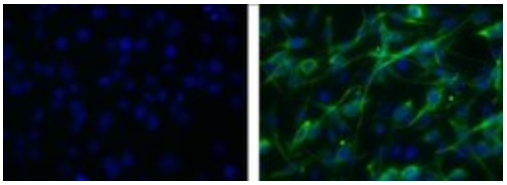
Applications Reported: FITC Mouse IgG1 K Isotype Control has been reported for use in immunocytochemistry, immunohistochemistry, and flow cytometric analysis.

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 10^5 to 10^8 cells/test.

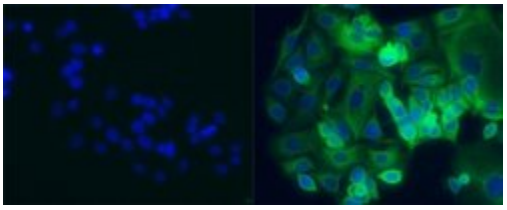
Excitation: 488 nm; Emission: 520 nm; Laser: Blue Laser.

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)

Nature communications

Microglia innately develop within cerebral organoids.

"11-4714 was used in Flow cytometry/Cell sorting to show that microglia can innately develop within a cerebral organoid model and display their characteristic ramified morphology."

Authors: Ormel PR,Vieira de Sá R,van Bodegraven EJ,Karst H,Harschnitz O,Sneeboer MAM,Johansen LE,van Dijk RE, Scheefhals N,Berdenis van Berlekom A,Ribes Martínez E,Kling S,MacGillavry HD,van den Berg LH,Kahn RS,Hol EM, de Witte LD,Pasterkamp RJ

Species
Not Applicable

Dilution
Not Cited

Year
2018

View more Flow references on thermofisher.com

More applications with references on thermofisher.com