

# Product Datasheet

## Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) NBP1-43319-0.5mg

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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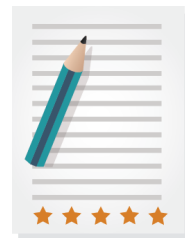
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**NBP1-43319-0.5mg**

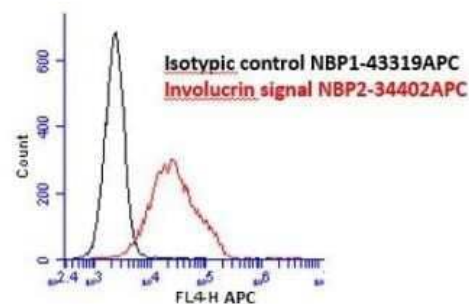
Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

| Product Information         |                                                                                                                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 mg                                                                                                                                                                                                                                         |
| Concentration               | 0.5 mg/ml                                                                                                                                                                                                                                      |
| Storage                     | Store at 4C. Do not freeze.                                                                                                                                                                                                                    |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                     |
| Clone                       | P3.6.2.8.1                                                                                                                                                                                                                                     |
| Preservative                | 0.09% Sodium Azide                                                                                                                                                                                                                             |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                                     |
| Purity                      | Affinity purified                                                                                                                                                                                                                              |
| Buffer                      | PBS (pH 7.2)                                                                                                                                                                                                                                   |
| Product Description         |                                                                                                                                                                                                                                                |
| Description                 | This Mouse IgG1 Kappa immunoglobulin is useful as an isotype control.                                                                                                                                                                          |
| Host                        | Mouse                                                                                                                                                                                                                                          |
| Species                     | Mouse                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Control                                                                                                                      |
| Recommended Dilutions       | Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Control                                                  |
| Application Notes           | Tested for Flow analysis on normal human peripheral blood cells and mouse spleen cells. Use the isotype control at the same concentration as the experimental antibody. Optimal dilution of this antibody should be experimentally determined. |

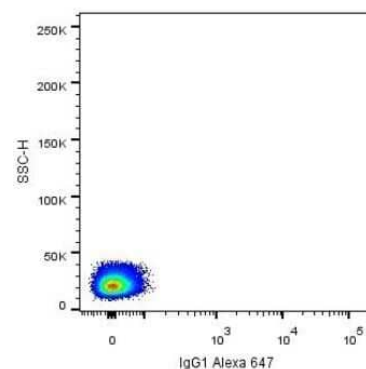


## Images

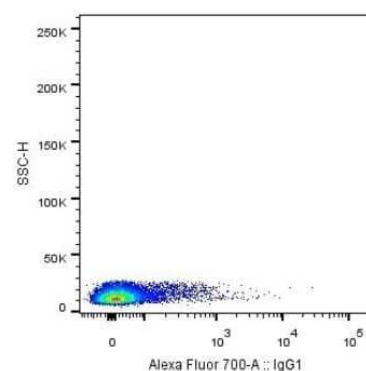
Flow Cytometry: Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [NBP1-43319] - Analysis of Involucrin signal in human keratinocytes. Red: anti-IVL antibody. BLACK: Isotype control NBP1-43319APC at 1:100. Flow cytometry image submitted by a verified customer review.



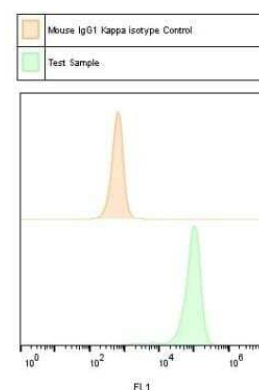
Flow Cytometry: Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [NBP1-43319] - Analysis of Alexa Fluor (R) 647 conjugate of NBP1-43319. Mouse IgG1 isotype control was used as a negative control. Flow cytometry image submitted by a verified customer review.



Flow Cytometry: Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [NBP1-43319] - Analysis of Alexa Fluor (R) 700 conjugate of NBP1-43319. Human buffy coat stained with mouse IgG1 Kappa isotype control. Flow cytometry image submitted by a verified customer review.



Flow Cytometry: Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [NBP1-43319] - Flow cytometry image submitted by a verified customer review.



## Publications

Hozain S, Hernandez A, Fuller J, et al. Zinc chloride affects chondrogenesis via VEGF signaling Experimental cell research 2021-02-15 [PMID: 33358860] (FLOW)

Wolak M, Bojanowska E, Staszewska T et al. Histamine augments collagen content via H1 receptor stimulation in cultures of myofibroblasts taken from wound granulation tissue Mol Cell Biochem 2020-11-23 [PMID: 33230787] (FLOW)

Bauer JMJ. Interferon- $\beta$  moduliert die Expression von Toll-like Rezeptoren in mononuklearen Blutzellen und induziert Toll-like Rezeptor 7 in plasmazytoiden dendritischen Zellen von Patienten mit Multipler Sklerose Thesis 2015-11-12

### Details:

This reference used the Alexa Fluor 488 version of NBP1-43319.





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### **Products Related to NBP1-43319-0.5mg**

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|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| NBP1-43319AF647 | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [Alexa Fluor® 647] |
|-----------------|------------------------------------------------------------------|

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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