

# PE/Cyanine5.5 Mouse IgG1, kappa Isotype Control [MOPC-21]

AGEL2567

## Description

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This PE/Cyanine5.5 Mouse IgG1, kappa Isotype Control [MOPC-21] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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|----------------------|---|
| <b>SKU:</b>          | AGEL2567                                      |
| <b>Contents:</b>     | 100µg, 25µg<br>Bradford Reagent: 1 vial (2ml) |
| <b>Category:</b>     | Monoclonal Antibody                           |
| <b>Clonality:</b>    | Monoclonal                                    |
| <b>Clone:</b>        | MOPC-21                                       |
| <b>Synonyms:</b>     | -   |
| <b>Applications:</b> | <b>FCM</b>                                    |
| <b>Reactivity:</b>   | -   |
| <b>Immunogen:</b>    | -   |

## Antibody Data

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|-------------------------|---------------|
| <b>Uniprot ID:</b>      | -             |
| <b>Gene ID:</b>         | -             |
| <b>Swissprot:</b>       | -             |
| <b>Host Species:</b>    | Mouse         |
| <b>Isotype:</b>         | Mouse IgG1, κ |
| <b>Isotype Control:</b> | -             |

|                                 |  |
|---------------------------------|--|
| <b>Conjugation:</b>             | PE/Cyanine 5.5   |
| <b>Conjugation Information:</b> | PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm (e.g., a 690/50 nm bandpass filter). |
| <b>Buffer:</b>                  | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.  |
| <b>Purification:</b>            | -  |
| <b>Target:</b>                  | -  |
| <b>Cellular Localization:</b>   | -  |
| <b>Tissue Specificity:</b>      | -  |
| <b>Verified Samples:</b>        | -  |
| <b>Concentration:</b>           | 0.2 mg/mL  |

## Preparation & Storage

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**Storage:** This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.

**Shipping:** Ice bag

**Recommended Dilution:** -

**Recommended Usage:**

| Application | Recommended Usage  |
|-------------|--|
| FCM         | Each lot of this antibody is quality control tested by flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.