

# Mouse IgG2a Isotype control

monoclonal antibody PPV-04 to IgG2a

Cat-No: **21275521**

100 µg in 100 µl

**Clone:** PPV-04

**Specificity:** This mouse IgG1 monoclonal antibody (clone PPV-04) reacts with undefined epitope on a plant pathogen.

**Negative Species:** human, porcine, mouse, rat.

**Isotype subclass:** Mouse IgG2a

**Form:** Purified from cell culture supernatant by protein-A affinity chromatography.

**Purity:** > 98% (by SDS-PAGE)

**Expiration date:** The reagent is stable until the expiry date stated on the vial label.

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS containing 0.09% sodium azide, (pH 7.4)

**Storage conditions:** Aliquot and store at -20°C. Should be handled under aseptic conditions. Avoid freeze/thaw cycles.

**Application:** Flow Cytometry

**Background:** The specificity of staining by monoclonal antibodies to target antigens should be verified by establishing the amount of non-specific antibody binding. In general, non-reactive immunoglobulin of the same isotype is included as a negative control for each specific monoclonal antibody used in a particular immunoassay.

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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