

# Mouse IgG1 Isotype control

monoclonal antibody 1F8 to IgG1

Cat-No: **21815011**

100 µg in 100 µl

**Clone:** 1F8

**Specificity:** This reagent can be used as a mouse IgG1 isotype control. It is obtained from a fused hybridoma by spleen cell from Balb/C mouse immunized by tylosin and KLH, and myeloma SP2/0 from Balb/C mouse. The antibody is specific for tylosin, may bind non-specifically to KLH. This hapten is not expressed on human cells or human cell-lines.

**Isotype subclass:** Mouse IgG1

**Form:** Purified by protein-G 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 7.2)

**Storage conditions:** Aliquot and store at -20°C. Avoid freeze/thaw cycles.

**Application:** Flow Cytometry  
Control Experiments

**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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