

TECHNICAL DATA SHEET

# violetFluor™ 450 Rat IgG1 Isotype Control (HRPN)

Catalog Number: 75-4301

## PRODUCT INFORMATION

**Contents:** violetFluor™ 450 Rat IgG1 Isotype Control (HRPN)

**Isotype:** Rat IgG1

**Concentration:** 0.2 mg/mL

**Clone:** HRPN

**Reactivity:** N/A

**Formulation:** 10 mM NaH<sub>2</sub>PO<sub>4</sub>, 150 mM NaCl, 0.09% NaN<sub>3</sub>,  
0.1% gelatin, pH7.2

## DESCRIPTION

The HRPN immunoglobulin is useful as an isotype-matched control. The HRPN immunoglobulin has an unknown binding specificity and is used as an isotype control for rat IgG1 antibodies.

## PREPARATION & STORAGE

This monoclonal antibody preparation was purified from tissue culture supernatant via affinity chromatography. For In Vivo Ready™ (IVR) products, each preparation is also evaluated for endotoxin levels using the LAL assay. It is recommended to store the product undiluted at 4°C. Do not freeze.

## APPLICATION NOTES

This antibody preparation has been quality-tested for flow cytometry using an appropriate cell type. The isotype control should be used at the same concentration as the primary antibody for which it is a control.

violetFluor™ 450 dye is excited by the violet (405 nm) laser and has a peak emission of 450 nm. The most common band pass filters for this dye are 440/40 or 450/50. violetFluor™ 450 can be used as an alternative for Pacific Blue®, BD Horizon™ V450 or eFluor® 450.

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