SONY

Product Data Sheet

Brilliant Violet 421™ Armenian Hamster IgG Isotype Ctrl

Catalog # / Size: 2604680 / 500 µl
2604675 / 125 µl

2604745 / 50 µg

Clone: HTK888

Isotype: Hamster IgG

Immunogen: Trinitrophenol + KLH

Preparation: The antibody was purified by affinity chromatography and conjugated with Brilliant Violet 421™ under optimal conditions. The solution is free of unconjugated Brilliant Violet 421™ and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).

Concentration: microg sizes: 0.2 mg/ml
microL sizes: lot-specific

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest.

Brilliant Violet 421™ excites at 405 nm and emits at 421 nm. The standard bandpass filter 450/50 nm is recommended for detection. Brilliant Violet 421™ is a trademark of Sirigen Group Ltd.

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Application Notes: The HTK888 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, functional assay, immunofluorescence microscopy, immunocytochemistry and immunofluorescent staining (surface or intracellular) for flow cytometric analysis. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 400916) as negative control. For *in vivo* studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400940) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin <0.01 EU/microg).

Application References:

1. Lesley R, *et al.* 2006. *P. Natl. Acad. Sci. USA* 103:10717.
2. Yu R, *et al.* 2006. *Obesity* 14:1353.
3. Yang JH, *et al.*2005. *Rheumatology(Oxford).* 44:1245. PubMed
3. Mina-Osorio P, *et al.* 2008. *J. Leukocyte Biol.* 84:448. PubMed
4. Shen H, *et al.* 2009. *J. Am Soc Nephrol.* 20:1032. PubMed

Description: This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.