SONY

Product Data Sheet

PE Armenian Hamster IgG Isotype Ctrl

Catalog # / Size: 2604535 / 25 µg
2604540 / 100 µg

Clone: HTK888

Isotype: Hamster IgG

Immunogen: Trinitrophenol + KLH

Preparation: The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2

Applications:

Applications: Flow Cytometry, Intracellular Staining for 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.

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
4. Mina-Osorio P, *et al.* 2008. *J. Leukocyte Biol.* 84:448. PubMed
5. 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.

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