SONY

Product Data Sheet

FITC Armenian Hamster IgG Isotype Ctrl

Catalog # / Size:	2604525 / 50 µg 2604530 / 200 µg
Clone:	HTK888
Isotype:	Hamster IgG
Immunogen:	Trinitrophenol + KLH
Preparation:	The immunoglobulin was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5

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.
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 5. Jaiswal MK, *et al.* 2014. *J Leukoc Biol.* 96:337. 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.

Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com