SONY

Product Data Sheet

Alexa Fluor® 700 Armenian Hamster IgG Isotype Ctrl

Catalog # / Size:	2604630 / 100 µg
Clone:	HTK888
Isotype:	Hamster IgG
Immunogen:	Trinitrophenol + KLH
Preparation:	The immunoglobulin was purified by affinity chromatography, and conjugated with Alexa Fluor® 700 under optimal conditions.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5

Applications:

Applications:	Flow Cytometry
Recommended Usage:	This reagent is developed for immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. It is highly recommended that the reagent be titrated for optimal performance for each application. * Alexa Fluor® 700 has a maximum emission of 719 nm when it is excited at 633nm / 635nm. Prior to using Alexa Fluor® 700 conjugate for flow cytometric analysis, please verify your flow cytometer's capability of exciting and detecting the fluorochrome.
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.