SONY

Product Data Sheet

Purified anti-His Tag

Catalog # / Size: 3862525 / 1 mg
3862505 / 25 µg
3862510 / 100 µg

Clone: J099B12

Isotype: Mouse IgG1, κ

Immunogen: KLH-conjugated His-tag peptide

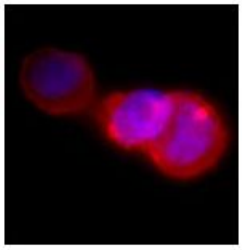
Reactivity: Epitope tag

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, 0.09% NaN3.

Workshop Number: IV T-164

Concentration: 0.5

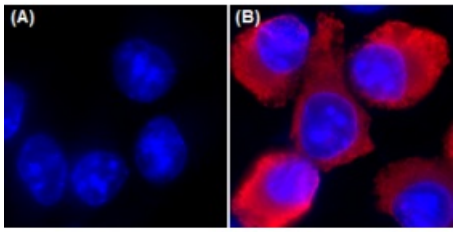


Insect cell supernatant expressing His-tagged mouse CCL22 was resolved by electrophoresis, transferred to nitrocellulose, and probed with anti-His Tag antibody (clone J099B12). Proteins were visualized using a goat anti-mouse IgG secondary conjugated to HRP and chemiluminescence detection.

Applications:

Applications: Other, Intracellular Staining for Flow Cytometry, Immunocytochemistry

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.1-0.2 µg/ml antibody dilution buffer for each mini-gel. Immunofluorescence microscopy, suggested working dilution(s): Use 0.5-1.0 µg/ml antibody dilution buffer. It is recommended that the reagent be titrated for optimal performance for each application.



Immunofluorescence of HeLa cells transfected without (A) or with (B) His-tagged protein plasmid using anti-His Mouse primary Antibody. Alexa Fluor® 594 (Red) Goat anti-Mouse IgG (Cat. No. 405326) was used as secondary antibody. Nuclei were counterstained with DAPI (Blue, Cat. No. 422801). The image was captured with a 60X objective. Exposure time (Seconds) for (A) is 1/30, and (B) is 1/100.

Application References:

1. Burritt JB, *et al.* 1995. *J. Biol. Chem.* 270:16974.
2. Taylor RM, *et al.* 2007. *Methods Mol. Biol.* 412:429.

For research use only. Not for diagnostic use. Not for resale. Sony Biotechnology Inc. will not be held responsible for patent infringement or other violations that may occur with the use of our products.
Sony Biotechnology Inc. 1730 North First Street, San Jose, CA 95112 www.sonybiotechnology.com

Description: This antibody was raised against linear 8XHis tag. It reacts with His tag protein, either C, N, or internal His6 and up repeats. It can be used for Western blotting to detect linear His repeat (His6 or more). It can also be used for ICFC and IF staining of His-Tagged protein.

Antigen References:

1. Einhauer A. 2001. *J. Biochem. Biophys. Methods.* 49:455.
2. Knappik A and Pluckthun A. 1994. *Biotechniques.* 17:754.

For research use only. Not for diagnostic use. Not for resale. Sony Biotechnology Inc. will not be held responsible for patent infringement or other violations that may occur with the use of our products.