

Product datasheet

Goat Anti-Mouse IgG H&L (Cy3 ®) preadsorbed ab97035

★★★★★ 2 Abreviews 47 References 2 Images

Overview

Product name	Goat Anti-Mouse IgG H&L (Cy3 ®) preadsorbed
Host species	Goat
Target species	Mouse
Specificity	By immunoelectrophoresis and ELISA this antibody reacts specifically with Mouse IgG and with light chains common to other Mouse immunoglobulins. No antibody was detected against non immunoglobulin serum proteins. Reduced cross-reactivity to bovine, chicken, goat, horse, human, pig, rabbit and rat IgG was detected.
Tested applications	Suitable for: WB, IHC-P, ICC/IF, Flow Cyt
Minimal cross-reactivity	Chicken, Cow, Goat, Horse, Human, Pig, Rabbit, Rat, Sheep more details
Conjugation	Cy3 ®. Ex: 552nm, Em: 565nm

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.2% BSA, PBS
Purity	Immunogen affinity purified
Purification notes	Antiserum was cross adsorbed using bovine, chicken, horse, human, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to Cy3®.
Clonality	Polyclonal
Isotype	IgG

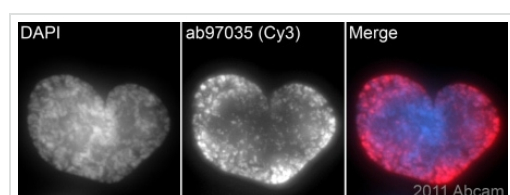
Applications

Our [Abpromise guarantee](#) covers the use of **ab97035** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

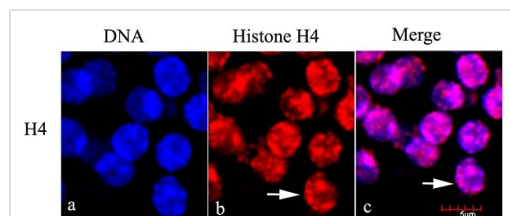
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 36 kDa. PubMed: 24270184
IHC-P	★★★★★	1/50 - 1/500.
ICC/IF		1/50 - 1/500.
Flow Cyt		1/2000 - 1/4000.

Images



Immunocytochemistry/ Immunofluorescence - Goat
 Anti-Mouse IgG H&L (Cy3[®]) preadsorbed (ab97035)
 Image courtesy of Dr. Kirk McManus, Univ. of Manitoba/Cancer Care MICB, Canada

ab97035 (1/200) detecting [ab14955](#) in asynchronous HeLa cells (red). Cells were fixed in paraformaldehyde, permeabilised in 0.5% Triton X-100/PBS and counterstained with DAPI in order to highlight the nucleus (blue). [ab14955](#), a mouse monoclonal anti-Histone H3 (phospho S10) antibody, was used at a 1/2000 dilution.



Immunocytochemistry/ Immunofluorescence - Goat
 Anti-Mouse IgG H&L (Cy3[®]) preadsorbed (ab97035)
 Wu JL et al. Cloning and Functional Analysis of Histones H3 and H4 in Nuclear Shaping during Spermatogenesis of the Chinese Mitten Crab, *Eriocheir sinensis*. PLoS One 10:e0126623 (2015).

(a–c) Immunofluorescent localization of histone H4 in early spermatids. (d) Ultrastructural localization of histone H4 in early spermatids. (e) Ultrastructural localization of histone H3 in intermediate spermatids. The secondary antibody used was Goat Anti-Mouse IgG H&L (Cy3[®])preadsorbed (ab97035) at 1/200 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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