

Product datasheet

Goat Anti-Mouse IgG H&L (DyLight® 488) ab96871

★★★★★ [3 Abreviews](#) [22 References](#) [1 Image](#)

Overview

| | |
|---------------------|--|
| Product name | Goat Anti-Mouse IgG H&L (DyLight® 488) |
| 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. |
| Tested applications | Suitable for: IHC-P, ICC/IF, Flow Cyt |
| Conjugation | DyLight® 488. Ex: 493nm, Em: 518nm |

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 | This antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488. |
| Clonality | Polyclonal |
| Isotype | IgG |

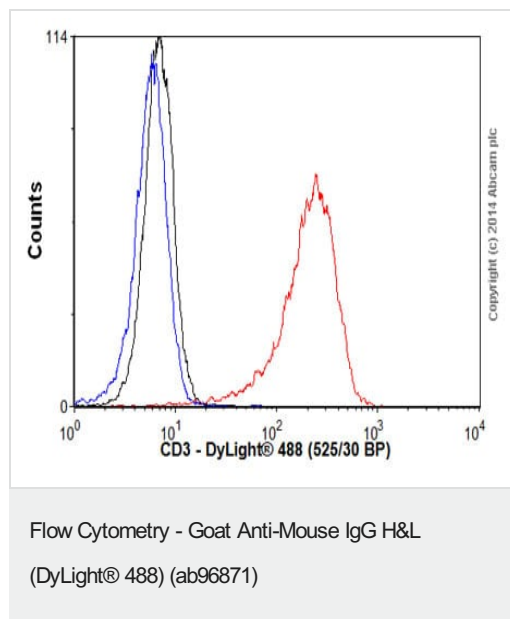
Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab96871 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 |
|-------------|-----------|---------------|
| IHC-P | ★★★★★ (1) | 1/50 - 1/500. |

| Application | Abreviews | Notes |
|-------------|-----------|------------------|
| ICC/IF | ★★★★★ (1) | 1/50 - 1/500. |
| Flow Cyt | | 1/1000 - 1/2000. |

Images



Overlay histogram showing Jurkat cells stained with **ab8090** (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (**ab8090**, 0.01µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody Goat anti-mouse IgG H&L (DyLight® 488) (ab96871) was used at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 0.01µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

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