



Glowing products for science

# Donkey Anti-Mouse IgG (H+L), Highly Cross-Adsorbed, CF® Dye Conjugates, Single Label for STORM

Highly cross-adsorbed donkey anti-mouse IgG (H+L) secondary antibody with single CF® Dye label for STORM super-resolution microscopy.

## Product Description

This is a highly cross-adsorbed donkey anti-mouse IgG (H L) secondary antibody that has a low degree of labeling (DOL) with one of our CF® Dyes validated for STORM.

- CF® Dye single label secondary antibody ideal for STORM imaging
- Highly cross-adsorbed for specific staining with minimal background
- Available in 10 CF® Dyes validated for STORM

Secondary antibodies with a low DOL, or number of dye molecules per antibody molecule, have been reported to be optimal for STORM ([Bittel et al. \(2015\) Proc. SPIE 9331](#)). This product is prepared by single labeling (DOL=1) of highly cross-adsorbed goat anti-mouse IgG (H L) with a selection of compatible CF® Dyes for **(d)-STORM super-resolution microscopy**. To minimize cross-reactivity, the antibody has been adsorbed against bovine, chicken, goat, guinea pig, horse, human, rabbit, rat, sheep, and Syrian hamster.

Learn more about [CF® Dyes for super-resolution microscopy](#).



Call us : [800-304-5357](tel:800-304-5357)

## Product attributes

|  |  |
|--|--|
| <b>Antibody reactivity (target)</b>        | Mouse IgG  |
| <b>Clonality</b>                           | Polyclonal   |
| <b>Host species</b>                        | Donkey   |
| <b>Cross adsorption</b>                    | Bovine, Chicken, Goat, Guinea pig, Horse, Human, Rabbit, Rat, Sheep, Syrian hamster  |
| <b>Antibody type</b>                       | Secondary  |
| <b>Concentration</b>                       | 1 mg/mL  |
| <b>Antibody/conjugate formulation</b>      | Liquid: PBS/50% glycerol/2 mg/mL BSA/0.05% azide   |
| <b>Species reactivity</b>                  | Mouse  |
| <b>Secondary/tag antibody applications</b> | IF (cells or tissue sections), STORM   |
| <b>Product origin</b>                      | Product may contain either bovine serum albumin (BSA) from bovine serum ( <i>Bos taurus</i> ), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot. |



# Donkey Anti-Mouse IgG (H+L), Highly Cross-Adsorbed, CF® Dye Conjugates, Single Label for STORM

| Conjugation                                 | Ex/Em                                     | Size          | Catalog No.                | Dye Features                      |
|---|---|---------------|----------------------------|-----------------------------------|
| <a href="#">CF@498</a><br>0.5 mL (500 ug)   | 498/519 nm<br><a href="#">20994-500uL</a> | 50 uL (50 ug) | <a href="#">20994-50uL</a> |                                   |
| <a href="#">CF@505</a><br>0.5 mL (500 ug)   | 505/519 nm<br><a href="#">20878-500uL</a> | 50 uL (50 ug) | <a href="#">20878-50uL</a> |                                   |
| <a href="#">CF@535ST</a><br>0.5 mL (500 ug) | 535/568 nm<br><a href="#">20823-500uL</a> | 50 uL (50 ug) | <a href="#">20823-50uL</a> | <a href="#">CF@535ST Features</a> |
| <a href="#">CF@568</a><br>0.5 mL (500 ug)   | 562/583 nm<br><a href="#">20802-500uL</a> | 50 uL (50 ug) | <a href="#">20802-50uL</a> | <a href="#">CF@568 Features</a>   |
| <a href="#">CF@583R</a><br>0.5 mL (500 ug)  | 586/609 nm<br><a href="#">20794-500uL</a> | 50 uL (50 ug) | <a href="#">20794-50uL</a> | <a href="#">CF@583R Features</a>  |
| <a href="#">CF@597R</a><br>0.5 mL (500 ug)  | 597/619 nm<br><a href="#">20798-500uL</a> | 50 uL (50 ug) | <a href="#">20798-50uL</a> | <a href="#">CF@597R Features</a>  |
| <a href="#">CF@647</a><br>0.5 mL (500 ug)   | 650/665 nm<br><a href="#">20810-500uL</a> | 50 uL (50 ug) | <a href="#">20810-50uL</a> | <a href="#">CF@647 Features</a>   |
| <a href="#">CF@660C</a><br>0.5 mL (500 ug)  | 667/685 nm<br><a href="#">20815-500uL</a> | 50 uL (50 ug) | <a href="#">20815-50uL</a> | <a href="#">CF@660C Features</a>  |
| <a href="#">CF@680</a><br>0.5 mL (500 ug)   | 681/698 nm<br><a href="#">20819-500uL</a> | 50 uL (50 ug) | <a href="#">20819-50uL</a> | <a href="#">CF@680 Features</a>   |
| <a href="#">CF@750</a><br>0.5 mL (500 ug)   | 755/777 nm<br><a href="#">20827-500uL</a> | 50 uL (50 ug) | <a href="#">20827-50uL</a> | <a href="#">CF@750 Features</a>   |

## CF® Dye Secondary Antibodies, Single Label for STORM

| Dye              | <a href="#">Donkey Anti-Goat</a> | <a href="#">Donkey Anti-Guinea Pig</a>   | <a href="#">Donkey Anti-Mouse</a>        | <a href="#">Donkey Anti-Rabbit</a>       | <a href="#">Goat Anti-Mouse</a> | <a href="#">Goat Anti-Rabbit</a> |
|------------------|----------------------------------|--|--|--|---------------------------------|----------------------------------|
| Cross-adsorption | Ck, GP, Hs, Hu, Ms, Rb, Rt, SHm  | Bv, Ck, Gt, Hs, Hu, Ms, Rb, Rt, Shp, SHm | Bv, Ck, Gt, GP, Hs, Hu, Rb, Rt, Shp, SHm | Bv, Ck, Gt, GP, Hs, Hu, Ms, Rt, Shp, SHm | Bv, Hs, Hu, Rb, Sw              | Hu, Ms, Rt                       |
| CF@498           | <a href="#">20992</a>            | <a href="#">20993</a>                    | <a href="#">20994</a>                    | <a href="#">20995</a>                    | <a href="#">20996</a>           | <a href="#">20997</a>            |
| CF@505           | <a href="#">20880</a>            | <a href="#">20881</a>                    | <a href="#">20878</a>                    | <a href="#">20879</a>                    | <a href="#">20876</a>           | <a href="#">20877</a>            |
| CF@535ST         |                                  |  | <a href="#">20823</a>                    | <a href="#">20824</a>                    | <a href="#">20821</a>           | <a href="#">20822</a>            |
| CF@568           | <a href="#">20836</a>            | <a href="#">20838</a>                    | <a href="#">20802</a>                    | <a href="#">20803</a>                    | <a href="#">20800</a>           | <a href="#">20801</a>            |
| CF@583R          |                                  |  | <a href="#">20794</a>                    | <a href="#">20795</a>                    | <a href="#">20792</a>           | <a href="#">20793</a>            |
| CF@597R          |                                  |  | <a href="#">20798</a>                    | <a href="#">20799</a>                    | <a href="#">20796</a>           | <a href="#">20797</a>            |
| CF@647           | <a href="#">20829</a>            | <a href="#">20837</a>                    | <a href="#">20810</a>                    | <a href="#">20811</a>                    | <a href="#">20808</a>           | <a href="#">20809</a>            |
| CF@660C          |                                  |  | <a href="#">20815</a>                    | <a href="#">20816</a>                    | <a href="#">20812</a>           | <a href="#">20813</a>            |
| CF@680           |                                  |  | <a href="#">20819</a>                    | <a href="#">20820</a>                    | <a href="#">20817</a>           | <a href="#">20818</a>            |
| CF@750           |                                  |  | <a href="#">20827</a>                    | <a href="#">20828</a>                    | <a href="#">20825</a>           | <a href="#">20826</a>            |

Bv: bovine; Ch: chicken; Gt: goat; GP: guinea pig; Hs: horse; Hu: human; Ms: mouse; Rb: rabbit; Sh: sheep; SHm: Syrian hamster; Sw: swine; Rt: rat  
View our full selection of bright and specific [Secondary Antibodies](#), or search our catalog using our [Antibody Finder](#). Alternatively, you can view our [secondary antibody product listings](#) with catalog numbers.

CF® Dyes offer exceptional brightness and photostability. For more information see our [CF® Dye technology page](#).

### Storage and Handling

**Liquid format:** Store at -20°C, protected from light. Product is stable for at least 6 months from date of receipt when stored as recommended. Liquid format antibodies contain 50% glycerol and will not freeze at -20°C.

**Lyophilized format:** Store at -20°C, protected from light. Product is stable for at least 6 months from date of receipt when stored as recommended. Reconstitute antibodies in water using the indicated volumes below:

CF® Dye and biotin conjugates: add 0.5 mL dH<sub>2</sub>O

HRP or DNP conjugates: add 1 mL dH<sub>2</sub>O

Add the indicated volume of water directly to the vial containing the lyophilized antibody and mix gently to dissolve. Store reconstituted antibody at -20°C and protect from light. Aliquot to avoid repeated freeze/thaw cycles. Alternatively, an equal volume of glycerol can be mixed with the reconstituted antibody so that it will remain liquid at -20°C.

Optional: A preservative such as 0.05% sodium azide (final concentration) can be added to CF® Dye and biotin conjugates. Do not add sodium azide to HRP conjugates.

**Note:** Storage of the antibody for more than a day at final working dilution is not recommended.

CF is a registered trademark of Biotium, Inc.

## References

Download a list of [CF® Dye references](#).

1. Proc. SPIE 9331, (2015), [DOI: 10.1117/12.2083209](#)

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Product link: <https://biotium-woo.supremeclients.com/product/donkey-anti-mouse-igg-hl-highly-cross-adsorbed-cf-dye-storm/>

