

# Product Information

## Goat Anti-Mouse IgG (H+L), Whole Antibody, Highly Cross-Adsorbed (min x Bv, Hs, Hu, Rb, Sw) CF® Dye Single Label Conjugates for (d)-STORM

CF® Dye	Ex/Em	Catalog No.	Unit size
CF®535ST	535/568 nm	20821-50uL	50 uL
		20821-500uL	500 uL
CF®568	562/583 nm	20800-50uL	50 uL
		20800-500uL	500 uL
CF®583R	586/609 nm	20792-50uL	50 uL
		20792-500uL	500 uL
CF®594ST	593/614 nm	20804-50uL	50 uL
		20804-500uL	500 uL
CF®597R	597/619 nm	20796-50uL	50 uL
		20796-500uL	500 uL
CF®647	650/665 nm	20808-50uL	50 uL
		20808-500uL	500 uL
CF®660C	667/685 nm	20812-50uL	50 uL
		20812-500uL	500 uL
CF®680	681/698 nm	20817-50uL	50 uL
		20817-500uL	500 uL
CF®750	755/777 nm	20825-50uL	50 uL
		20825-500uL	500 uL

Bv: bovine; Hs: horse; Hu: human; Rb: rabbit; Sw: swine

### Concentration

1 mg/mL in pH ~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.

### Storage and Handling

Store at -20°C, protected from light. Product is stable for at least 12 months from date of receipt when stored as recommended. Antibodies contain 50% glycerol and will not freeze at -20°C.

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

### Product Description

This product is prepared by single labeling (DOL=1) highly cross-adsorbed goat anti-mouse IgG (H+L) with CF® Dye for (d)-STORM super-resolution microscopy. This antibody is highly-cross adsorbed for multiple labeling, and has minimal cross-reactivity with bovine, horse, human, rabbit, and swine serum proteins.

CF® Dyes are superior to Alexa Fluor®, DyLight®, and Cy® Dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging. For more information about CF® Dyes, download our CF® Dye Selection Guide at [www.biotium.com](http://www.biotium.com).

### Recommended Dilution Range

Fluorescence microscopy: 1-2 ug/mL

These concentrations are provided as a starting point for optimization; appropriate dilutions should be determined empirically. Generally IgG conjugates are used in the range of 1-10 ug/mL. For more detailed protocols for immunofluorescence staining for fluorescence microscopy, flow cytometry, or fluorescence-based western detection, please visit our website.

### Related Products

Catalog number	Product
23001	EverBrite™ Mounting Medium
23002	EverBrite™ Mounting Medium with DAPI
23003	EverBrite™ Hardset Mounting Medium
23004	EverBrite™ Hardset Mounting Medium with DAPI
23005	CoverGrip™ Coverslip Sealant
23007	TrueBlack™ Lipofuscin Autofluorescence Quencher
40061	RedDot™2 Far Red Nuclear Counterstain
22005	Mini Super <sup>HT</sup> Pap Pen 2.5 mm tip, ~400 uses
22006	Super <sup>HT</sup> Pap Pen 4 mm tip, ~800 uses
22003	Mini-Cell Scrapers
23006	Flow Cytometry Fixation/Permeabilization Kit
22015	Fixation Buffer
22016	Permeabilization Buffer
22017	Permeabilization and Blocking Buffer
22010	10X Fish Gelatin Blocking Agent
22011	Fish Gelatin Powder
22014	30% Bovine Serum Albumin Solution
22002	Tween®-20
22030	AntiFix™ Universal Antigen Retrieval Buffer, 10X
23012	TrueBlack® IF Background Suppressor System (Permeabilizing)
23016	EverBrite™ Hardset Mounting Medium with NucSpot® 640
23017	EverBrite TrueBlack® Hardset Mounting Medium
23018	EverBrite TrueBlack® Hardset Mounting Medium with DAPI
23019	EverBrite TrueBlack® Hardset Mounting Medium with NucSpot® 640

Please visit [www.biotium.com](http://www.biotium.com) to view our full selection of products featuring bright and photostable fluorescent CF® Dyes, including Mix-n-Stain™ antibody labeling kits, primary antibody conjugates, streptavidin, phalloidin, and other bioconjugates, as well as conjugates of biotin, HRP, AP, R-PE, APC and PerCP.

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