



Glowing products for science

Goat Anti-Mouse IgG (H+L), F(ab')₂ Fragment

Goat anti-mouse IgG (H+L), F(ab')₂ fragment secondary antibody labeled with our superior CF® Dyes and other labels.



Product Description

This is a goat anti-mouse IgG (H L), F(ab')₂ fragment secondary antibody labeled with our superior CF® Dyes and other labels.

- Available in 14 bright and photostable CF® Dyes, and HRP
- Biotin, APC, and R-PE conjugates also available
- Suitable for western, immunofluorescence, and immunohistology in FFPE tissues

Note: Conjugates of blue fluorescent dyes like CF®350 are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

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

Product attributes

Antibody type	Secondary
Clonality	Polyclonal
Host species	Goat
Antibody reactivity (target)	Mouse IgG
Species reactivity	Mouse
Cross adsorption	Not cross-adsorbed
Concentration	2 mg/mL
Antibody/conjugate formulation	Liquid: PBS/50% glycerol/2 mg/mL BSA/0.05% azide, Lyophilized: PBS/15 mg/mL BSA/20 mg/mL trehalose after reconstitution
Secondary/tag antibody applications	ELISA, Flow cytometry, IHC, IF (cells or tissue sections), Western blot
Product origin	Product may contain either bovine serum albumin (BSA) from bovine serum (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot.

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Conjugation	Ex/Em	Size	Catalog No.	Dye Features
CF@350 0.25 mL (500 ug)	347/448 nm 20145	50 uL (100 ug)	20145-1	CF@350 Features
CF@488A 0.25 mL (500 ug)	490/515 nm 20011	50 uL (100 ug)	20011-1	CF@488A Features
CF@505 0.25 mL (500 ug)	505/519 nm 20916-250uL	50 uL (100 ug)	20916-50uL	
CF@543 0.25 mL (500 ug)	541/560 nm 20329	50 uL (100 ug)	20329-1	CF@543 Features
CF@555 0.25 mL (500 ug)	555/565 nm 20032	50 uL (100 ug)	20032-1	CF@555 Features
CF@568 0.25 mL (500 ug)	562/583 nm 20109	50 uL (100 ug)	20109-1	CF@568 Features
CF@583R 0.25 mL (500 ug)	585/609 nm 20914-250uL	50 uL (100 ug)	20914-50uL	CF@583R Features
CF@594 0.25 mL (500 ug)	593/614 nm 20119	50 uL (100 ug)	20119-1	CF@594 Features
CF@633 0.25 mL (500 ug)	630/650 nm 20130	50 uL (100 ug)	20130-1	CF@633 Features
CF@640R 0.25 mL (500 ug)	642/662 nm 20086	50 uL (100 ug)	20086-1	CF@640R Features
CF@647 0.25 mL (500 ug)	650/665 nm 20042	50 uL (100 ug)	20042-1	CF@647 Features
CF@660C 0.25 mL (500 ug)	667/685 nm 20918-250uL	50 uL (100 ug)	20918-50uL	CF@660C Features
CF@680 0.25 mL (500 ug)	681/698 nm 20063	50 uL (100 ug)	20063-1	CF@680 Features
CF@750 0.25 mL (500 ug)	755/779 nm 20920-250uL	50 uL (100 ug)	20920-50uL	CF@750 Features
R-PE 500 ul (250 ug)	496, 546, 565/578 nm 20357-500uL	200 ul (100 ug)	20357-200uL	
APC 500 ul (250 ug)	650/660 nm 20414-500uL	100 ul (50 ug)	20414-100uL	
Biotin 0.25 mL (500 ug)	N/A 20187	50 uL (100 ug)	20187-1	

View our full selection of [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 dH₂O

HRP or DNP conjugates: add 1 mL dH₂O

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](#).

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