

## Goat Anti-Mouse IgG (H+L)

Goat anti-mouse IgG (H+L) secondary antibody labeled with our superior CF® dyes and other labels.



### Product Description

This is a goat anti-mouse IgG (H L) secondary antibody labeled with our superior CF® dyes.

- Available in 19 bright and photostable CF® dyes
- Alkaline phosphatase, APC, HRP, R-PE and biotin conjugates also available
- Suitable for western, immunofluorescence, and immunohistology in FFPE tissues

**Note:** Conjugates of blue fluorescent dyes like CF®350, CF®405S, and CF®405M 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.

## Goat Anti-Mouse IgG (H+L)

Conjugation	Ex/Em	Size	Catalog No.
CF®350	347/448 nm	50 uL (100 ug)	<a href="#">20140-1</a>
0.5 mL (1 mg)	<a href="#">20140</a>		
1 mg (lyophilized)	<a href="#">20140-1mg</a>		
CF®405S	404/431 nm	50 uL (100 ug)	<a href="#">20080-1</a>
0.5 mL (1 mg)	<a href="#">20080</a>		
1 mg (lyophilized)	<a href="#">20080-1mg</a>		
CF®405M	408/452 nm	50 uL (100 ug)	<a href="#">20180-1</a>
0.5 mL (1 mg)	<a href="#">20180</a>		
1 mg (lyophilized)	<a href="#">20180-1mg</a>		
CF®405L	395/545 nm	50 uL (100 ug)	<a href="#">20408-50uL</a>
0.5 mL (1 mg)	<a href="#">20408-500uL</a>		
1 mg (lyophilized)	<a href="#">20408-1mg</a>		
CF®488A	490/515 nm	50 uL (100 ug)	<a href="#">20010-1</a>
0.5 mL (1 mg)	<a href="#">20010</a>		
1 mg (lyophilized)	<a href="#">20010-1mg</a>		
CF®514	516/548 nm	50 uL (100 ug)	<a href="#">20386-50uL</a>
0.5 mL (1 mg)	<a href="#">20386-500uL</a>		
1 mg (lyophilized)	<a href="#">20386-1mg</a>		
CF®532	527/558 nm	50 uL (100 ug)	<a href="#">20365-50uL</a>
0.5 mL (1 mg)	<a href="#">20365-500uL</a>		
1 mg (lyophilized)	<a href="#">20365-1mg</a>		
CF®543	541/560 nm	50 uL (100 ug)	<a href="#">20306-1</a>
0.5 mL (1 mg)	<a href="#">20306</a>		
1 mg (lyophilized)	<a href="#">20306-1mg</a>		
CF®555	555/565 nm	50 uL (100 ug)	<a href="#">20030-1</a>
0.5 mL (1 mg)	<a href="#">20030</a>		
1 mg (lyophilized)	<a href="#">20030-1mg</a>		
CF®568	562/583 nm	50 uL (100 ug)	<a href="#">20100-1</a>
0.5 mL (1 mg)	<a href="#">20100</a>		
1 mg (lyophilized)	<a href="#">20100-1mg</a>		
CF®594	593/614 nm	50 uL (100 ug)	<a href="#">20110-1</a>
0.5 mL (1 mg)	<a href="#">20110</a>		
1 mg (lyophilized)	<a href="#">20110-1mg</a>		
CF®633	630/650 nm	50 uL (100 ug)	<a href="#">20120-1</a>
0.5 mL (1 mg)	<a href="#">20120</a>		
1 mg (lyophilized)	<a href="#">20120-1mg</a>		
CF®640R	642/662 nm	50 uL (100 ug)	<a href="#">20197-1</a>
0.5 mL (1 mg)	<a href="#">20197</a>		
1 mg (lyophilized)	<a href="#">20197-1mg</a>		
CF®647	650/665 nm	50 uL (100 ug)	<a href="#">20040-1</a>
0.5 mL (1 mg)	<a href="#">20040</a>		
1 mg (lyophilized)	<a href="#">20040-1mg</a>		
CF®660R	663/682 nm	50 uL (100 ug)	<a href="#">20054-1</a>
0.5 mL (1 mg)	<a href="#">20054</a>		

### 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, 1 mg/mL (HRP, AP conjugates), 0.5 mg/mL (R-PE, APC conjugates)
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, R-PE conjugates: PBS/2 mg/mL BSA/0.05% azide, HRP conjugates: PBS/50% glycerol/15 mg/mL BSA, HRP conjugates (lyophilized): PBS/10 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 ( <i>Bos taurus</i> ), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot.

Conjugation	Ex/Em	Size	Catalog No.
1 mg (lyophilized)	<a href="#">20054-1mg</a>		
CF@660C	667/685 nm	50 uL (100 ug)	<a href="#">20050-1</a>
0.5 mL (1 mg)	<a href="#">20050</a>		
1 mg (lyophilized)	<a href="#">20050-1mg</a>		
CF@740	742/767 nm	50 uL (100 ug)	<a href="#">20984-50uL</a>
0.5 mL (1 mg)	<a href="#">20984-500uL</a>		
CF@750	755/777 nm	50 uL (100 ug)	<a href="#">20070-1</a>
0.5 mL (1 mg)	<a href="#">20070</a>		
1 mg (lyophilized)	<a href="#">20070-1mg</a>		
CF@790	784/806 nm	50 uL (100 ug)	<a href="#">20378-50uL</a>
R-PE	496, 546, 565/578 nm	200 uL (100 ug)	<a href="#">20352-200uL</a>
1 mL (500 ug)	<a href="#">20352-1mL</a>		
APC	650/660 nm	100 uL (50 ug)	<a href="#">20411-100uL</a>
0.5 mL (250 ug)	<a href="#">20411-0.5mL</a>		
Biotin	N/A	50 uL (100 ug)	<a href="#">20183-1</a>
0.5 mL (1 mg)	<a href="#">20183</a>		
1 mg (lyophilized)	<a href="#">20183-1mg</a>		
HRP	N/A	100 uL (100 ug)	<a href="#">20400-100uL</a>
1 mL (1 mg)	<a href="#">20400-1mL</a>		
1 mg (lyophilized)	<a href="#">20400-1mg</a>		
AP	N/A	100 uL (100 ug)	<a href="#">20464-100uL</a>
1 mL (1 mg)	<a href="#">20464-1mL</a>		

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 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 curated [CF@ Dye references](#).

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