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Goat Anti-Mouse IgG (H+L), Highly Cross-Adsorbed



Highly cross-adsorbed goat anti-mouse IgG (H L) secondary antibody labeled with our superior CF® Dyes.

Product attributes

Antibody type	Secondary
Clonality	Polyclonal
Host species	Goat
Antibody reactivity (target)	Mouse IgG
Species reactivity	Mouse
Cross adsorption	Bovine, Horse, Human, Rabbit, Swine
Concentration	2 mg/mL, 1 mg/mL (HRP, AP 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, 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 (Bos taurus), or recombinant BSA produced in Chinese hamster ovary cells. Inquire for the specific lot.

Product Description

This is a highly cross-adsorbed goat anti-mouse IgG (H L) secondary antibody labeled with our bright and photostable CF® Dyes. To minimize cross-reactivity, the antibody has been adsorbed against bovine, horse, human, rabbit, and swine serum. This antibody is not cross-adsorbed against rat. For staining rat tissue, or co-staining with rat antibodies, we recommend using Goat Anti-Mouse IgG (H L), Highly Cross-Adsorbed (Min x Rat).

- Highly-cross adsorbed for specific staining with minimal background
- Available with 20 bright and photostable CF® Dyes
- Biotin and HRP 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.

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Conjugation	Ex/Em	Size	Catalog No.	Dye Features
CF®350	347/448 nm	50 uL (100 ug)	20143-1	CF®350 Features
0.5 mL (1 mg)			20143	
1 mg (lyophilized)			20143-1mg	
CF®405M	408/452 nm	50 uL (100 ug)	20182-1	CF®405M Features
0.5 mL (1 mg)			20182	
1 mg (lyophilized)			20182-1mg	
CF®430	426/498 nm	50 uL (100 ug)	20459-50uL	CF®430 Features
0.5 mL (1 mg)			20459-500uL	
1 mg (lyophilized)			20459-1mg	
CF®488A	490/515 nm	50 uL (100 ug)	20018-1	CF®488A Features
0.5 mL (1 mg)			20018	
1 mg (lyophilized)			20018-1mg	
CF®532	527/558 nm	50 uL (100 ug)	20468-50uL	CF®532 Features
0.5 mL (1 mg)			20468-500uL	
1 mg (lyophilized)			20468-1mg	
CF®543	541/560 nm	50 uL (100 ug)	20299-1	CF®543 Features
0.5 mL (1 mg)			20299	
1 mg (lyophilized)			20299-1mg	
CF®555	555/565 nm	50 uL (100 ug)	20231-1	CF®555 Features
0.5 mL (1 mg)			20231	
1 mg (lyophilized)			20231-1mg	
CF®568	562/583 nm	50 uL (100 ug)	20101-1	CF®568 Features
0.5 mL (1 mg)			20101	
1 mg (lyophilized)			20101-1mg	
CF®583R	585/609 nm	50 uL (100 ug)	20904-50uL	CF®583R Features
0.5 mL (1 mg)			20904-500uL	
CF®594	593/614 nm	50 uL (100 ug)	20111-1	CF®594 Features
0.5 mL (1 mg)			20111	
1 mg (lyophilized)			20111-1mg	
CF®633	630/650 nm	50 uL (100 ug)	20121-1	CF®633 Features
0.5 mL (1 mg)			20121	
1 mg (lyophilized)			20121-1mg	
CF®640R	642/662 nm	50 uL (100 ug)	20175-1	CF®640R Features
0.5 mL (1 mg)			20175	
1 mg (lyophilized)			20175-1mg	
CF®647	650/665 nm	50 uL (100 ug)	20281-1	CF®647 Features
0.5 mL (1 mg)			20281	
1 mg (lyophilized)			20281-1mg	
CF®660C	667/685 nm	50 uL (100 ug)	20052-1	CF®660C Features

Conjugation	Ex/Em	Size	Catalog No.	Dye Features
0.5 mL (1 mg)	20052			
1 mg (lyophilized)	20052-1mg			
CF®680R	680/701 nm	50 uL (100 ug)	20192-1	CF®680 Features
0.25 mL (500 ug)	20192			
CF®680	681/698 nm	50 uL (100 ug)	20065-1	CF®680R Features
0.25 mL (500 ug)	20065			
CF®740	742/767 nm	50 uL (100 ug)	20988-50uL	CF®740 Features
250 uL (100 ug)	20988-250uL			
CF®750	755/777 nm	50 uL (100 ug)	20463-50uL	CF®750 Features
250 uL (100 ug)	20463-250uL			
CF®770	770/797 nm	50 uL (100 ug)	20077-1	CF®770 Features
0.25 mL (500 ug)	20077			
CF®790	784/806 nm	50 uL (100 ug)	20342-50uL	CF®790 Features
Biotin	N/A	50 uL (100 ug)	20184-1	
0.5 mL (1 mg)	20184			
1 mg (lyophilized)	20184-1mg			
HRP	N/A	100 uL (100 ug)	20401-100uL	
1 mL (1 mg)	20401-1mL			
1 mg (lyophilized)	20401-1mg			

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_2O

HRP or DNP conjugates: add 1 mL dH_2O

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.