

## Goat Anti-Human IgM (Mu Chain)

Goat anti-human IgM (mu chain) secondary antibody labeled with our superior CF® dyes.



### Product attributes

<b>Clonality</b>	Polyclonal
<b>Antibody type</b>	Secondary, Anti-Human Immunoglobulin
<b>Concentration</b>	2 mg/mL
<b>Antibody/conjugate formulation</b>	Liquid: PBS/50% glycerol/2 mg/mL BSA/0.05% azide, Lyophilized: PBS/15 mg/mL BSA/20 mg/mL trehalose after reconstitution
<b>Species reactivity</b>	Human
<b>Secondary/tag antibody applications</b>	Flow cytometry, IHC, IF (cells or tissue sections), Western blot
<b>Host species</b>	Goat
<b>Antibody reactivity (target)</b>	Human IgM
<b>Cross adsorption</b>	Human IgG
<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.

## Product Description

This is a goat anti-human IgM (mu chain) secondary antibody labeled with our bright and photostable CF® dyes. The antibodies react specifically with IgM heavy chains (mu chains) and not with immunoglobulin light chains. To minimize cross reactivity, the antibodies are cross-adsorbed against human IgG prior to conjugation.

- Cross-adsorbed for specific staining with minimal background
- Available in 4 bright and photostable CF® dyes
- Suitable for western, immunofluorescence, and immunohistology

Conjugation	Ex/Em	Size	Catalog No.	Dye Features
<a href="#">CF@488A</a> 0.25 mL (500 ug)	490/515 nm <a href="#">20347-250uL</a>	50 uL (100 ug)	<a href="#">20347-50uL</a>	<a href="#">CF@488A Features</a>
<a href="#">CF@594</a> 0.25 mL (500 ug)	593/614 nm <a href="#">20348-250uL</a>	50 uL (100 ug)	<a href="#">20348-50uL</a>	<a href="#">CF@594 Features</a>
<a href="#">CF@640R</a> 0.25 mL (500 ug)	642/662 nm <a href="#">20349-250uL</a>	50 uL (100 ug)	<a href="#">20349-50uL</a>	<a href="#">CF@640R Features</a>
<a href="#">CF@647</a> 0.25 mL (500 ug)	650/665 nm <a href="#">20346-250uL</a>	50 uL (100 ug)	<a href="#">20346-50uL</a>	<a href="#">CF@647 Features</a>

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.

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## References

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

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