IgG Secondary Antibody – Goat

PRODUCT OVERVIEW

Product Name	IgG, Secondary Antibody
Full Product Name	Goat Anti Human IgG F (ab')2-AbFluor 680
Product Gene Name	IgG secondary antibody
Host	Goat
Species Reactivity	Human
Form/Format	1 mg/ml, liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.02% Sodium Azide
Purity/Purification	The antibody was isolated from ascitic by immunoaffinity chromatography using antigens coupled to agarose beads.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Stable for one year at -20 degree C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing
Product Categories/Family for IgG secondary antibody	Secondary antibodies
Applications Tested/Suitable for IgG secondary antibody	Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FC/FACS/FCM), Western Blot (WB)
Application Notes for IgG secondary antibody	Suggested starting: 1:50-1:1000 dilutions for most fluorescent applications while: 1:5000-20000 dilutions for fluorescent assays with LI-1:COR Odyssey equipment would be recommended.
Related Product Information for IgG secondary antibody	Assay Biotechnology secondary antibodies are available conjugated to enzyme, biotin or fluorophore for use in a variety of antibody-based applications including Western Blot, ImmunoHistoChemistry, ImmunoFluorescence, Flow Cytometry and ELISA. We offer high quality secondary antibodies from goat, rabbit and donkey sources for your each application. Serum adsorbed secondary antibodies are also available and are recommended for use with immunoglobulin-rich samples.
Other Notes	Small volumes of IgG secondary antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IgG purchase	MBS9526976 is a secondary antibody targeting IgG. Also known as Goat Anti Human IgG F (ab')2-AbFluor 680. Reactive in Human. Host: Goat.

Alexa Fluor 350	346/442	Blue
Alexa Fluor 405	401/421	Blue
Alexa Fluor 488	496/519	Green
Alexa Fluor 532	532/553	Yellow
Alexa Fluor 555	555/565	Yellow
Alexa Fluor 568	578/603	Red/Orange
Alexa Fluor 594	590/617	Red/Orange
Alexa Fluor 633	632/647	Red
Alexa Fluor 647	650/665	Red
Alexa Fluor 660	663/690	Near IR
Alexa Fluor 680	679/702	Near IR
Alexa Fluor 750	749/775	Near IR
Alexa Fluor 790	784/814	Near IR

Testing Data of IgG secondary antibody

To use the Alexa Fluors with fluorescent imagers, use a spectral line of the blue laser diode for Alexa Fluors 405, a cyan (488 nm) laser for Alexa Fluors 488, a yellow (526 nm) laser for Alexa Fluor 550 or 594, and a red (633 nm) laser for Alexa Fluor 649. The Alexa Fluor 680 and 790 fluors are compatible with laser- and filter-based infrared imaging instruments that emit in the 700 nm, and 800 nm

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IgG. It may not necessarily be applicable to this product.

Protein Family	IgG receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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