

## Produktinformation



Forschungsprodukte & Biochemikalien
Zellkultur & Verbrauchsmaterial
Diagnostik & molekulare Diagnostik
Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



Lieferung & Zahlungsart siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

## SZABO-SCANDIC HandelsgmbH

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## Human IgG-Fc Fragment Antibody



|  | LABORATORIES, INC.   LIFE SCIENCES   |
|--|--|
| F(ab')2 Goat Polyclonal Conjugate DyLight® 488<br>Antigen Affinity Purified<br>Catalog No. A80-248D2 |  |
| Lot No. A80-2  | 48D2-11  |
| APPLICATIONS   | IHC, ICC, Flow Cyt, IF   |
| SPECIES REACTIVITY   | Human. Minimum reactivity to mouse and rat   |
| AMOUNT   | 1 ml   |
| CONCENTRATION  | 0.5 mg/ml  |
| STORAGE/SHELF LIFE   | 2 - 8°C / 1 year from date of receipt  |
| PHYSICAL STATE   | Liquid   |
| BUFFER   | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide   |
| FLUOROPHORE/PROTEIN  | 7.8  |
| ISOTYPE  | IgG  |
| ORIGIN   | USA  |
| PRODUCTION<br>PROCEDURES   | Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross<br>adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The<br>antibody to human IgG was isolated by affinity chromatography using antigen coupled to<br>agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments<br>and whole IgG molecules have been removed. Fragments were conjugated to DyLight <sup>®</sup> 488. |
|  | Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.   |
|  | By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG.<br>Cross reactivity with IgA and IgM is negligible. No antibody was detected against non–<br>immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgG was<br>detected. This antibody may cross react with IgG from other species.  |
| APPLICATIONS   | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.  |
|  | Immunohistochemistry 1:50 – 1:500  |
|  | Immunocytochemistry 1:50 – 1:500   |
|  | Flow Cytometry 1:50 – 1:200  |
|  | Immunofluorescence 1:50 – 1:500  |
| APPLICATION NOTES  | Not all listed applications have been specifically tested by our laboratory.   |
|  | DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).   |
| ADDITIONAL INFO  | DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.<br>https://www.fortislife.com/p/A80-248D2<br>Use the link above to view SDS, a current list of citations, and other product specific information.   |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: October 13, 2022

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