# Human IgG-heavy and light chain Antibody

F(ab')2 Goat Polyclonal

Antigen Affinity Purified

Catalog No. A80-147A

Lot No. A80-147A-1

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| **APPLICATIONS** | WB, IHC, ICC, ELISA |
| **SPECIES REACTIVITY** | Human |
| **ISOTYPE** | IgG |
| **AMOUNT** | 1 ml at 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 0.09% Sodium Azide |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')2 fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed.<br><br>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.<br><br>By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgG and with light chains common to other human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. 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. |

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| Western Blot | 1:1,000 - 1:30,000 |
| Immunohistochemistry | 1:200 - 1:2,000 |
| Immunocytochemistry | 1:200 - 1:2,000 |
| ELISA | 1:1,000 - 1:30,000; for coating plates 1:100 - 1:500 |

**APPLICATION NOTES** Not all listed applications have been specifically tested by our laboratory.

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This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer Date: December 3, 2018



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