Rat IgG Heavy and Light Chain Cross-Adsorbed Antibody



| Antibody | | | |
|---------------------------|--------|---|--|
| Donkey Polyclonal | | Conjugate DyLight [®] 800 | |
| Antigen Affinity Purified | | | |
| Catalog No. | A110-3 | 337D8 | |
| Lot No. | A110-3 | 337D8-14 | |
| APPLICATIONS | | IHC, ICC, Flow Cyt, IF | |
| SPECIES REACTIVITY | | Rat. Minimum reactivity to bovine, chicken, goat, human, mouse, rabbit and sheep | |
| 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 | | 4.0 | |
| ISOTYPE | | IgG | |
| ORIGIN | | USA | |
| PRODUCTION PROCEDURES | | Antiserum was cross adsorbed using bovine, human, mouse, rabbit & sheep immunosorbents to remove cross reactive antibodies. The antibody to rat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 800. | |
| | | 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 rat IgG and with light chains common to other rat immunoglobulins. No antibody was detected against non- immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, human, mouse, rabbit & sheep IgG was 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 NO | OTES | Not all listed applications have been specifically tested by our laboratory. | |
| | | DyLight® 800 is excited at 770 (in PBS) and emits at 794 (in PBS). | |
| ADDITIONAL INI | FO | DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A110-337D8 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: January 3, 2023

> Phone: 800.338.9579 · Fax: 866.597.6105 · Web: www.fortislife.com Orders: orders@fortislife.com · Support: technical@fortislife.com

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.

2

Phone: 800.338.9579 · Fax: 866.597.6105 · Web: www.fortislife.com Orders: orders@fortislife.com · Support: technical@fortislife.com

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.