

Bottlenose Dolphin IgG Heavy and Light Chain Antibody

Rabbit Polyclonal Conjugate HRP

Antigen Affinity Purified

Catalog No. A180-102P

Lot No. A180-102P-14

| | | | | | | | | | |
|------------------------------|--|--------------|--------------------|----------------------|-----------------|---------------------|-----------------|-------|----------------------|
| APPLICATIONS | WB, IHC, ICC, ELISA | | | | | | | | |
| SPECIES REACTIVITY | Bottlenose dolphin | | | | | | | | |
| AMOUNT | 1 ml | | | | | | | | |
| CONCENTRATION | 1 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 0.05% Pro-Clean 400 | | | | | | | | |
| ISOTYPE | IgG | | | | | | | | |
| ORIGIN | USA | | | | | | | | |
| PRODUCTION PROCEDURES | <p>The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).</p> <p>Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with bottlenose dolphin IgG and with light chains common to other bottlenose dolphin immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species.</p> | | | | | | | | |
| APPLICATIONS | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:5,000 – 1:50,000</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:5,000</td></tr><tr><td>Immunocytochemistry</td><td>1:200 – 1:5,000</td></tr><tr><td>ELISA</td><td>1:10,000 – 1:100,000</td></tr></table> | Western Blot | 1:5,000 – 1:50,000 | Immunohistochemistry | 1:200 – 1:5,000 | Immunocytochemistry | 1:200 – 1:5,000 | ELISA | 1:10,000 – 1:100,000 |
| Western Blot | 1:5,000 – 1:50,000 | | | | | | | | |
| Immunohistochemistry | 1:200 – 1:5,000 | | | | | | | | |
| Immunocytochemistry | 1:200 – 1:5,000 | | | | | | | | |
| ELISA | 1:10,000 – 1:100,000 | | | | | | | | |
| APPLICATION NOTES | Not all listed applications have been specifically tested by our laboratory. | | | | | | | | |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A180-102P</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> | | | | | | | | |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: March 3, 2022