

Goat IgG Heavy and Light Chain Cross-Adsorbed Antibody

Donkey Polyclonal Conjugate DyLight® 680

Antigen Affinity Purified

Catalog No. A50-201D6

Lot No. A50-201D6-13

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLICATIONS | WB, IHC, ICC, Flow Cyt, IF |
| SPECIES REACTIVITY | . Minimum reactivity to chicken, human, mouse, pig, rabbit 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 0.09% Sodium Azide |
| FLUOROPHORE/PROTEIN | 3.7 |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | Antiserum was cross adsorbed using chicken, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to goat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight™ 680. |

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 goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to chicken, human, mouse, pig, rabbit and rat 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.

Western Blot 1:1,000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.

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® 680 is excited at 682 (in PBS) and emits at 715 (in PBS).

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO <https://www.fortislife.com/p/A50-201D6>

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: September 14, 2022