

Chicken IgG (IgY)–heavy and light chain cross–adsorbed Antibody

Goat Polyclonal
Antigen Affinity Purified
Conjugate Biotin
Catalog No. A30–206B
Lot No. A30–206B–5



APPLICATIONS WB, IHC, ICC, ELISA
SPECIES REACTIVITY Chicken. Minimum reactivity to bovine, horse, human, mouse, pig, rabbit and rat
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 0.2% BSA and 0.09% Sodium Azide
ORIGIN USA
PRODUCTION PROCEDURES Antiserum was cross adsorbed using bovine, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to chicken IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to biotin.

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Biotin/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with chicken IgG and with light chains common to other chicken immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to bovine, goat, horse, human, mouse, pig, rabbit and rat IgG was detected. This antibody may cross react with IgG from other species.

Biotinylated antibody was demonstrated by reaction with avidin/peroxidase when coated on microtiter wells. Working dilutions should be determined by the investigator.

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 1:10,000 – 1:200,000

Immunohistochemistry 1:250 – 1:2,500

Immunocytochemistry 1:100 – 1:500

ELISA 1:10,000 – 1:200,000

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

ADDITIONAL INFO <https://www.bethyl.com/product/A30-206B>
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.

Eric McIntush, PhD | Chief Scientific Officer

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