

Rat IgM cross-adsorbed Antibody

Goat Polyclonal
Antigen Affinity Purified
Conjugate DyLight® 594
Catalog No. A110-200D4
Lot No. A110-200D4-9



APPLICATIONS IHC, ICC, F, IF
SPECIES REACTIVITY Rat. Minimum reactivity to human and mouse
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 6.1
ISOTYPE IgG
ORIGIN USA
PRODUCTION PROCEDURES Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. The antibody to rat IgM was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594.

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 IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and mouse IgM 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 NOTES Not all listed applications have been specifically tested by our laboratory.

DyLight® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).

ADDITIONAL INFO DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<https://www.bethyl.com/product/A110-200D4>

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.
Brian McWilliams, PhD Date: February 25, 2021

