

Mouse IgA Heavy Chain Antibody

Goat Polyclonal Conjugate FITC

Antigen Affinity Purified

Catalog No. A90-103F

Lot No. 24

APPLICATIONS IHC, ICC, IF

SPECIES REACTIVITY Mouse

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 0.09% Sodium Azide

FLUOROPHORE/PROTEIN 3.8

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to fluorescein isothiocyanate (FITC).

Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgA. Cross reactivity to mouse IgM, IgG1, IgG2a, IgG2b, IgG2c, IgG3 and IgE is less than 1%. Some hybridoma clones may express aberrant immunoglobulin-related peptides that are improperly recognized by this antibody.

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

Immunofluorescence 1:50 – 1:500

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

ADDITIONAL INFO <https://www.fortislife.com/p/A90-103F>

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: February 12, 2025