Mouse IgG Heavy and Light Chain Cross-Adsorbed Antibody

Goat Polyclonal Conjugate Alkaline Phosphatase

Antigen Affinity Purified

Catalog No. A90-216AP

Lot No. 22

APPLICATIONS	WB, IHC, ICC, ELISA
SPECIES REACTIVITY	Mouse. Minimum reactivity to bovine, chicken, horse, human, pig and rabbit
AMOUNT	1 ml
CONCENTRATION	0.5 mg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM $MgCl_2$, 0.1 mM $ZnCl_2$ containing 0.2% BSA and 0.09% NaN_3
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using bovine, chicken, horse, human, pig & rabbit immunosorbents to remove cross reactive Antibodies. The antibody to mouse IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to alkaline phosphatase (alkphos). 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 IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, goat, horse, human, pig & rabbit 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	1:2500 - 1:25,000
Immunohistochemistry	1:100 - 1:1000
Immunocytochemistry	1:100 - 1:1000
ELISA	1:5000 - 1:50,000

APPLICATION NOTES	Not all listed applications have been specifically tested by our laboratory.
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

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