



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: <http://www.mpbio.com>

TECHNICAL INFORMATION

Catalog Number: 59284

Alkaline Phosphatase-Conjugated Goat Affinity Purified Antibody To Human Immunoglobulins (IgG, IgA, IgM)

DESCRIPTION: Product is alkaline phosphatase (AKP)-conjugated goat affinity purified antibody to human immunoglobulins (IgG,IgA,IgM) and buffer salts.

Antibody and highly purified calf-intestine alkaline phosphatase are conjugated under defined conditions to obtain optimally labeled product. Conjugated protein is purified by gel filtration. The product is dialyzed into 0.03M TRIS, 0.14M sodium chloride, pH 8.0, with 1% bovine albumin, adjusted to standard titer, filtered through a 0.22 µm filter, and vialled.

USES: This product is suitable for use as a reagent in enzyme immunoassays (EIA), cell and tissue staining (for light microscopy), cell and tissue labeling (for electron microscopy), and blot immunostaining. Use of affinity purified antibodies is recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note: F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS: To ensure that the product titer falls within the required range, antibody titer is standardized by microtiter plate ELISA with human gamma globulin. The antibody is tested for purity at 10 mg/ml by immunoelectrophoresis. The antibody is goat IgG; no trace of albumin is detected. It shows reactivity to human immunoglobulins (IgG,IgA,IgM); cross-reactivity to other species may exist. Antibody activity to non-immunoglobulin serum proteins is not present.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #	Description	Size
55074	AFF.PUR. GOAT ANTI-HUMAN IMMUNOGLOBULINS (G,A,M)	2MG
55838	PURIFIED HUMAN GAMMA GLOBULIN	100MG
55908	PURIFIED HUMAN IGG	50MG
55906	PURIFIED HUMAN SERUM IGA	5MG
55916	PURIFIED HUMAN IGM	5MG
55230	HRP GOAT ANTI-HUMAN IMMUNOGLOBULINS (G,A,M)	2ML
55248	HRP F(AB') ₂ GOAT ANTI-HUMAN IMMUNO. (G,A,M)	2ML
55256	HRP AFF.PUR. GOAT ANTI-HUMAN IMMUNO. (G,A,M)	2ML
55984	NORMAL GOAT SERUM	2ML

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)