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GOAT ANTI-HUMAN GAMMA CHAIN

SKU: AI-3080-.5

DESCRIPTION

Unconjugated Goat Anti-Human IgG, gamma chain specific, binds to human primary antibodies for immunohistochemistry and many other applications. This gamma chain specific antibody has virtually no cross-reactivity with other immunoglobulin classes or other heavy or light chains.

Features:

• Affinity purified, ultrapure, high affinity antibody
• Thoroughly adsorbed against serum and immunoglobulins from potentially interfering species
• Ready for iodination, fluorochrome labeling, or enzyme conjugations
• Can be employed as a capture antibody in enzyme immunoassays or in other assays requiring carrier-free immunoglobulins

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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SPECIFICATIONS

Format	Concentrate
Formulation	10 mM sodium phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide, 20 mg/ml sucrose
Unit Size	0.5 mg
Storage Instructions	2-8 °C; Store frozen for long term storage
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, In situ hybridization, Blotting Applications, Elispot, ELISAs
Target Species	Human
Concentration	1 mg/ml
Conjugate	Unconjugated
Host Species	Goat

TECHNICAL INFORMATION

The goat anti-human Ig antibodies are prepared by hyperimmunizing animals in a manner that produces high affinity antibodies. These are then purified by an affinity chromatography procedure designed to remove any low affinity antibodies which may be present. Cross-reactivities that are likely to interfere with specific labeling are removed by solid-phase adsorption techniques. The final product is then subjected to rigorous quality control assays including immunodiffusion, solid-phase enzyme immunoassays, gel electrophoresis and solid-phase binding assays. In preparing the labeled antibodies, great care is taken to ensure the maximum degree of labeling with no alteration in the specificity and affinity of the antibody. The labeled antibody then undergoes a further series of quality control assays, including immunohistochemical analysis.

Unconjugated Goat Anti-Human IgG, gamma chain specific, is supplied in liquid form. This ultrapure, high affinity antibody has been thoroughly adsorbed against serum and immunoglobulins from potentially interfering species and is ready for iodination, fluorochrome labeling, or enzyme conjugations. It can also be employed as a capture antibody in enzyme immunoassays or in other assays requiring carrier-free immunoglobulins.

This chain-specific antibody is produced specifically to distinguish between chains or classes of target immunoglobulins. This antibody is affinity-purified and treated by negative solid-phase

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adsorption to remove cross-reacting antibodies. The unlabeled form can be used as a capture antibody in enzyme immunoassays or radioactively labeled for radioimmunoassays.

CITATIONS

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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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