



Polyclonal Goat Anti-Rabbit Immunoglobulins/Biotinylated

Code E0432

Intended use	For laboratory use. Polyclonal Goat Anti-Rabbit Immunoglobulins/Biotinylated is recommended for use in immunohistochemistry, immunoblotting and ELISA. The biotinylated antibody serves as an efficient "link" between a rabbit antibody and avidin or streptavidin labeled with enzymes or other markers.
Summary and explanation	The antibody used for biotinylation has been solid-phase absorbed with human immunoglobulins and cow serum. The absorbed antibody has been further purified by affinity chromatography on a column with rabbit immunoglobulins. The affinity-isolated antibody has then been biotinylated with activated biotin containing an aminocaproic acid spacer arm.
Reagent provided	Affinity-isolated, biotinylated goat anti-rabbit immunoglobulins provided in liquid form in 0.01 mol/L phosphate buffer, 0.15 mol/L NaCl, 15 mmol/L NaN ₃ , pH 7.2. <u>Concentration of specific antibodies g/L:</u> See label on vial.
Immunogen	Immunoglobulins, mainly IgG, isolated from rabbit serum.
Specificity	The biotinylated antibody reacts with rabbit immunoglobulins of all classes. Cross-reactions as determined by ELISA: Human, mouse and rat immunoglobulins, less than 1%. Fetal calf serum and cow immunoglobulins, less than 0.1%. Cross-reactions with other immunoglobulins are typically: Guinea pig, about 10%; swine, about 1%. The cross-reaction with human serum is typically below the detection limit.
Precautions	<ol style="list-style-type: none">1. For professional users.2. This product contains sodium azide (NaN₃), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.3. Minimize microbial contamination of reagents or increase in non-specific staining may occur.4. As with any product derived from biological sources, proper handling procedures should be used.5. Wear appropriate Personal Protective Equipment to avoid contact with eyes and skin.6. Unused solution should be disposed of according to local, State and Federal regulations.
Storage	Store at 2-8 °C. Do not use after expiration date stamped on vial. If reagents are stored under any conditions other than those specified, the conditions must be verified by the user. If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the antibody is suspected, contact Dako Technical Services.
Staining procedure	<u>Dilution:</u> Immunocytochemistry: 1:300 - 1:800 Immunoblotting: 1:1 000 - 1:4 000 ELISA: 1:5 000 - 1:20 000

Explanation of symbols

REF	Catalogue number	2°C - 8°C	Temperature limitation		Use by
	Consult instructions for use	LOT	Batch code		Manufacturer

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