



Rabbit (polyclonal) Anti-Fluorescein Isothiocyanate Purified

PRODUCT ANALYSIS SHEET

Catalog Number:	ANZ0202
Lot Number:	See product label
Quantity/Volume:	0.5 mg/0.5 mL
Form of the Antibody:	Purified immunoglobulins in phosphate buffered saline. Carrier and preservative-free. Sterile filtered.
Immunogen:	FITC-KLH
Specificity:	Reacts with fluorescein isothiocyanate.
Applications:	Secondary antibody in immunoassays in conjunction with a FITC labeled antibody or oligonucleotide. The antibody may be used for binding FITC labeled products to plastic supports, and in immunofluorescence to amplify the fluorescence intensity of a direct FITC staining.
Purification:	Affinity chromatography utilizing protein A/G.
Purity Test:	95% pure, PAGE.
Activity Test:	The optimal concentration to use in an oligonucleotide 96 well format assay has been assessed as follows: FITC conjugated oligonucleotides were adsorbed overnight onto a 96 well microtiter tray at concentrations ranging from 1.0 to 0.016 $\mu\text{g/mL}$, using ammonium acetate buffer. The antibody was tested in an indirect ELISA format, using goat anti-rabbit-HRP as a secondary antibody at a concentration of 0.01 $\mu\text{g/mL}$. A chromogen solution containing TMB and H_2O_2 was used to visualize the reaction.
Result:	100 μL of a 1:5000 dilution of ANZ0202 will easily detect 0.4 pmol of FITC conjugated oligonucleotide immobilized on a polystyrene microwell. The optimal antibody concentration should be determined for each specific application.
Storage:	Store at -20°C . Upon initial thawing, apportion into working aliquots and store at -20°C . Avoid freeze/thaw cycles.

This product is for research use only. Not for use in diagnostic procedures.

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