

Product datasheet for **AP33087TC-N**

Porcine IgG (H+L chain) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies

Product Name: Porcine IgG (H+L chain) Rabbit Polyclonal Antibody

Applications: ELISA, IF, IHC

Recommended Dilution: **ELISA.**

Immunocytochemistry.

Immunofluorescence.

Immunohistochemistry Frozen Sections.

Can be used to identify and measure IgG, antigen or antibody, at the cellular and subcellular level by immunofluorescence staining of appropriately treated cell and tissue substrates. If two Nordic immunoconjugates with different labels but originating from the same host animal species are used for direct two-colour staining, they can safely be mixed and used in a single step, without the danger of interaction between the two reagents. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.

Recommended Working Dilutions: 1/20-1/80.

Reactivity: Porcine

Host: Rabbit

Immunogen: Purified normal IgG isolated from pooled Swine serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.

Isotype: IgG

Formulation: PBS, pH 7.2

Label: TRITC

State: Lyophilized purified hyperimmune IgG fraction

Stabilizer: None

Preservative: None, as it may interfere with the antibody activity.

Label: Tetramethylrhodamine isothiocyanate isomer R

Absorption emission: 554 nm / 573 nm

Reconstitution Method: Restore with 2 ml sterile distilled water.



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Concentration:	10.0 mg/ml
Purification:	Hyperimmune antisera with strong activity are selected for fractionation by salt precipitation and purification of the IgG fraction by DEAE-chromatography.
Conjugation:	TRITC
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Note:	<p><u>Adsorption:</u> Not required.</p> <p><u>Fluorescent Marker:</u> Tetramethylrhodamine isothiocyanate isomer R has an orange-red fluorescence. To avoid nonspecific background staining, specially synthesized and exceptionally pure crystalline isomer R has been used instead of the usual racemic mixture. Although its fluorescence efficiency is less than of FITC, TRITC conjugates have the advantage of significantly less photo bleaching. This facilitates their use in quantitative cell-counting procedures.</p> <p><u>Conjugation procedure:</u> A proprietary technique for the binding to TRITC is used, followed by several purification steps to remove free reactants and protein aggregates. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life.</p>