

Product datasheet for **AP33057FC-N**

Duck IgG (H+L chain) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies
Product Name: Duck IgG (H+L chain) Rabbit Polyclonal Antibody
Applications: ELISA, IF, IHC
Recommended Dilution: **ELISA.**

Immunocytochemistry.

(In)direct Immunofluorescence.

Immunohistochemistry on 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, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of duck origin in the middle layer of the indirect test procedure. 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: Duck
Host: Rabbit
Immunogen: Purified normal Ig fractions isolated from pooled Duck serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype: IgG
Formulation: PBS, pH 7.2
Label: FITC
State: Lyophilized purified hyperimmune IgG fraction
Stabilizer: None
Preservative: None
Label: Fluorescein isothiocyanate isomer 1
Absorption emission: 492 nm / 515 nm
Molar ratio: Fluorochrome/IgG protein ~1.3
Reconstitution Method: Restore by adding 2 ml of sterile distilled water



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Concentration:	6.2 mg/ml
Purification:	Hyperimmune antisera with strong precipitating activity are selected for fractionation by salt-precipitation and purification of the IgG fraction by DEAE-chromatography.
Conjugation:	FITC
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:	<u>Adsorption:</u> Not required. <u>Conjugation procedure:</u> A proprietary technique for the binding to FITC 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.