

Product datasheet for **AP33081AF-N**

Sheep IgG (Fc specific) Rabbit Polyclonal Antibody

Product data:

Product Type: Secondary Antibodies
Product Name: Sheep IgG (Fc specific) Rabbit Polyclonal Antibody
Applications: ELISA, IF, WB
Recommended Dilution: **ELISA.**

Dot blot.

Immunoblotting.

Indirect Immunofluorescence.

Can be used As unlabelled primary or secondary reagent for indirect detection of IgG at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to prepare conjugates of the user's own choice; to prepare an insoluble immunoaffinity adsorbent or a solid phase antibody reagent by coupling to an artificial carrier and as catching antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established by titration before being used.

Recommended Working Dilutions:

Histochemistry Use: 1/50-1/250.

ELISA and comparable non-precipitating antibody-binding assays: 1/1,000-1/5,000.

Antibody titre: 1/64 when tested against pooled normal sheep serum in agar-block immunodiffusion titration.

Reactivity: Sheep
Host: Rabbit
Immunogen: Purified normal IgG isolated from pooled sheep serum.
Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype: IgG
Formulation: PBS, pH 7.2
State: Azide Free
State: Lyophilized purified hyperimmune IgG fraction
Stabilizer: None
Preservative: None, as it may interfere with the antibody activity.
Reconstitution Method: Restore with 1 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: | Unconjugated |
| 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: | Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other components of the immunoglobulin system or reacting with other serum proteins. Special attention is given to the removal of antibodies to common Ig/Fab. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum. |