

## Product datasheet for **AP21494HR-N**

### Mouse IgG3 (subclass specific) Goat Polyclonal Antibody

#### Product data:

**Product Type:** Secondary Antibodies

**Product Name:** Mouse IgG3 (subclass specific) Goat Polyclonal Antibody

**Applications:** ELISA, ID, IF, IHC, IP, WB

**Recommended Dilution:** This antibody can be used in Enzyme-Immunocytochemical and Immunohistochemical staining for the detection of IgG3 at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates To demonstrate circulating IgG3 antibodies in serodiagnostic microbiology and autoimmune diseases.

To identify a specific antigen using a reference antibody of mouse origin known to be of the IgG3 isotype in the middle layer of the indirect test procedure In non-isotopic assay methodology (e.g. ELISA) to measure IgG3 in Mouse serum or other body fluids.

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.

**Working Dilutions:**

Histochemical/Cytochemical Use: 1/100-1/500.

ELISA and comparable non-precipitating antibody-binding assays: 1/1,000-1/7,000

depending on the method used. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day.

**Reactivity:** Mouse

**Host:** Goat

**Immunogen:** Pools of purified homogenous IgG3 isolated from pooled Mouse serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Isotype:** IgG

**Formulation:** PBS, pH 7.2 without preservatives and foreign proteins

Label: HRP

State: Lyophilized purified hyperimmune IgG fraction

Label: Horseradish Peroxidase

Molar ratio: Peroxidase/IgG ~1.7

**Reconstitution Method:** Restore with 1.0 ml distilled water.



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<b>Concentration:</b>	lot specific
<b>Purification:</b>	Hyperimmune antisera with strong precipitating activity are selected for fractionation and purification of the IgG fraction containing the bulk of the defined antibody specificity. It is free of other serum proteins as tested by immunoelectrophoresis.
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one week or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Note:</b>	<b>Adsorption:</b> 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.