

## Product datasheet for **AP33083SU-N**

### Sheep IgM (Fc specific) Rabbit Polyclonal Antibody

#### Product data:

**Product Type:** Secondary Antibodies

**Product Name:** Sheep IgM (Fc specific) Rabbit Polyclonal Antibody

**Applications:** ID, IP

**Recommended Dilution:** **Immunoprecipitation.**

Can be used in precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgM in sheep serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of sheep IgM from serum or plasma.

*Recommended Working Dilutions:*

Immunoelectrophoresis: Use 2 µl or equivalent against 120 µl antiserum.

Double Radial Immunodiffusion (Ouchterlony): Use a rosette arrangement with 10 µl antiserum in a 3 mm diameter centre well and 2 µl serum samples (neat and diluted) in 2 mm diameter peripheral wells.

Single Radial Immunodiffusion and electroimmunodiffusion: Use 0.5 to 1.0 percent antiserum in the agar gel.

*Antibody titre:* 1/16 when tested against pooled normal sheep serum in agar-block immunodiffusion titration.

**Reactivity:** Sheep

**Host:** Rabbit

**Immunogen:** Highly purified normal IgM isolated from pooled sheep serum.  
Freund's complete adjuvant is used in the first step of the immunization procedure.

**Formulation:** State: Serum  
State: Delipidated, heat inactivated lyophilized stable whole serum  
Stabilizer: None  
Preservative: None, as it may interfere with the antibody activity.

**Reconstitution Method:** Restore with 1 ml sterile distilled water.

**Concentration:** Total protein and IgG concentration in the antiserum are comparable to those of pooled rabbit serum. No foreign proteins added.

**Conjugation:** Unconjugated



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**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. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.