



## Rabbit Anti-Bovine IgM / AP antibody

SL0327R-AP

**Product Name** Rabbit Anti-Bovine IgM / AP

**Chinese Name** 碱性磷酸酶 (AP) 标记的兔抗牛 IgM

**Alias** Rabbit Anti-Bovine IgM (AP); Immunoglobulin M;

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Cow,

WB=1:1000-10000 ELISA=1:1000-10000 IHC-P=1:100-1000 IHC-F=1:100-1000

**Applications** not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Form** Liquid

**Concentration** 1.0 mg/ml

**immunogen** Native Bovine IgG

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.

**Storage** Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Attention** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Product Detail** IgM normally constitutes about 10% of serum immunoglobulins. IgM antibody is prominent in early immune responses to most antigens and is largely confined to plasma due to it's large size. Monomeric IgM is expressed as a membrane bound antibody on the surface of B cells and as a pentamer when secreted by plasma cells. Due to it's high valency IgM is more efficient than other isotypes is binding antigens with repeating epitopes (virus particles and red blood cells) and is more efficient than IgG in activating the complement pathway. The gene for the mu constant region contains four domains separated by short intervening sequences.