

Rabbit Anti-Rat IgM / AP antibody

SL0346R-AP

Product Name Rabbit Anti-Rat IgM / AP

Chinese Name 碱性磷酸酶（AP）标记的兔抗大鼠 IgM

Alias Rabbit Anti-Rat IgM (AP); Immunoglobulin M;

Immunogen Species Rabbit

Clonality Polyclonal

React Species Rat,

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

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.