

Goat Anti-Mouse IgM, Biotin conjugated

Cat. Number: bs-0368G-Bio

Quantity size: 100ul, 1ml

Concentration: 1mg/ml Buffer = 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Background: Immunoglobulin M (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 its 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 its 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.

Specificity:

- Goat Polyclonal IgG, affinity purified by Protein G.
- Reacts with: mouse IgM
- Immunogen: Native Mouse IgM

Application: WB=1:1000-10000, ELISA=1:1000-10000,
IHC-P=1:100-1000, IHC-F=1:100-1000, IF=1:100-1000
Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Storage: Shipped at 4°C, Store at -20°C (Avoid repeated freeze/thaw cycles).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.