

DATASHEET

Mouse Anti-Rabbit IgM / HRP

Catalog Number: bs-0369M-HRP

Target Protein: Mouse Anti-Rabbit IgM / HRP

Concentration: 2.0 mg/ml

Host: Mouse

Clonality: Polyclonal

Applications: WB (1:1000-10000), IHC-P (1:100-500), IHC-F (1:100-1000), ELISA
(1:1000-10000),

Cross Reactive Rabbit

Species:

Isotype: IgG

Purification: affinity purified by Protein G

Storage: 10 mM TBS (pH=7.4) with 1% BSA, 0.03% Proclin300 and 50% glycerol. Store at
-20°C for one year. Avoid repeated freeze/thaw cycles.

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 in 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.

PRODUCT SPECIFIC PUBLICATIONS

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