

DATASHEET

Rabbit Anti-Goat IgM / Cy3

Catalog Number: bs-0370R-Cy3

Target Protein: Rabbit Anti-Goat IgM / Cy3

Concentration: 2.0 mg/ml

Host: Rabbit

Clonality: Polyclonal

Applications: IF(1:100-1000),

Cross Reactive Goat

Species:

Isotype: IgG

Purification: affinity purified by Protein A

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: 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

[IF=4.12] Li Teng. et al. The Role of Tim-3 on dNK Cells Dysfunction During Abnormal Pregnancy With Toxoplasma gondii Infection. Front Cell Infect Mi. 2021 Feb;11:47 IF ; Human . 10.3389/fcimb.2021.587150

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