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Goat Anti-Mouse IgM / Cy3 antibody

SL0368G-Cy3

Product Name	Goat Anti-Mouse IgM / Cy3
Chinese Name	Cy3 标记的羊抗小鼠 IgM
Alias	Goat Anti-Mouse IgM (Cy3); Immunoglobulin M;

Specific References (2) | SL0368G-Cy3 has been referenced in 2 publications.

[IF=16.744] Junjie Feng. et al. Rapid and efficient fluorescent aptasensor for PD-L1 positive extracellular vesicles isolation and analysis: EV-ANCHOR. CHEM ENG J. 2023 Apr;:142811 **IF ; Human**.

PubMed:10.1016/j.cej.2023.142811

[IF=4.936] Li et al. Endogenous ceramide contributes to the transcytosis of oxLDL across endothelial cells and promotes its subendothelial retention in vascular wall. (2014) Oxid.Med.Cell.Longev. 2014:823071 **ICC ; Mouse**.

PubMed:24817993

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Mouse,
Applications	IF=1:100-1000,ICC/IF=1:100-1000,Flow-Cyt=1:100-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid
Concentration	2.0 mg/ml
immunogen	Native Mouse IgM
Lsotype	IgG
Purification	affinity purified by Protein G
Buffer Solution	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.

Storage	Store at -20℃ 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	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 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 activiating the complement pathway. The gene for the mu constant region contains four domains separated by short intervening sequences.