

## Goat Anti-Human IgM / Cy5 antibody

SL0345G-Cy5

**Product Name** Goat Anti-Human IgM / Cy5  
**Chinese Name** Cy5 标记的羊抗人 IgM  
**Alias** Goat Anti-Human IgM (Cy5); Immunoglobulin M;

**Specific References (1)** | SL0345G-Cy5 has been referenced in 1 publications.



**[IF=12.545]** Feiyang Ou. et al. Ultrasensitive monitoring of SARS-CoV-2-specific antibody responses based on a digital approach reveals one week of IgG seroconversion. BIOSENS BIOELECTRON. 2022 Sep;;114710 **FC ; Monkey.**

PubMed:36174360

**Immunogen Species** Goat  
**Clonality** Polyclonal  
**React Species** Human,  
IF=1:100-1000,Flow-Cyt=1:100-1000,ICC/IF=1:100-1000  
**Applications** 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 Human 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°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 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.