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Goat Anti-Human IgM / HRP antibody

SL0345G-HRP

Product Name Goat Anti-Human IgM / HRP
Chinese Name 辣根过氧化物酶标记的羊抗人 IgM
Alias Goat Anti-Human IgM (HRP); Immunoglobulin M; 羊抗人-IgM;

Specific References (3) | SL0345G-HRP has been referenced in 3 publications.

[IF=22.553] Ni L et al. Detection of SARS-CoV-2-Specific Humoral and Cellular Immunity in COVID-19 Convalescent Individuals. Immunity 2020 06 16;526(6) **ELISA ; Human**.
PubMed:32413330

[IF=5.085] Ling Ni. et al. Impaired Cellular Immunity to SARS-CoV-2 in Severe COVID-19 Patients. Front Immunol. 2021; 12: 603563 **ELISA ; Human**.
PubMed:33603759

[IF=2.3] Tian, Lifang, et al. "Autoimmune and inflammatory responses in Kashin?CBeck disease compared with rheumatoid arthritis and osteoarthritis."Human Immunology 72.10 (2011): 812-816.. **ELISA ; Human**.
PubMed:21699943

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Human,
Applications	WB=1:1000-10000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000 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

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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	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.