

Rabbit Anti-Rat IgM / HRP antibody

SL0346R-HRP

Product Name Rabbit Anti-Rat IgM / HRP

Chinese Name 辣根过氧化物酶标记的兔抗大鼠 IgM

Alias Rabbit Anti-Rat IgM (HRP); Immunoglobulin M;

Specific References (3) | SL0346R-HRP has been referenced in 3 publications.

[IF=5.116] Chunyu Jiang. et al. Upregulating CXCR7 accelerates endothelial progenitor cell-mediated endothelial repair by activating Akt/Keap-1/Nrf2 signaling in diabetes mellitus. *Stem Cell Res Ther.* 2021 Dec;12(1):1-15 **WB ; Rat.**

PubMed:33941256



[IF=2.784] Guo X et al.RP105 ameliorates hypoxia/reoxygenation injury in cardiac microvascular endothelial cells by suppressing TLR4MAPKs/NF-κB signaling.*Int J Mol Med.* 2018 Jul;42(1):505-513. **WB ; Rat.**

PubMed:29693119

[IF=0.46] Su, Yuqing, et al. "Mixed PEGylated surfactant modifying system decrease the accelerated blood clearance phenomenon of nanoemulsions in rats."*Asian Journal of Pharmaceutical Sciences* (2016). **ELISA ; Rat.**

PubMed:10.1016/j.ajps.2016.07.003

Immunogen Species

Rabbit

Clonality

Polyclonal

React Species

Rat,

WB=1:1000-10000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000

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 Rat IgM



Isotype	IgG
Purification	affinity purified by Protein A
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	<p>This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p> <p>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 activating the complement pathway. The gene for the mu constant region contains four domains separated by short intervening sequences.</p>
Product Detail	