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Rabbit Anti-Monkey IgM / AF647 antibody

SL0336R-AF647

Product Name	Rabbit Anti-Monkey IgM / AF647
Chinese Name	Alexa Fluor 647 标记的兔抗猴 IgM
Alias	Rabbit Anti-Monkey IgM (Alexa Fluor® 647); Immunoglobulin M;

Specific References (2) | SL0336R-AF647 has been referenced in 2 publications.

[IF=2.37] Kamata, Teddy, et al. "Determination of Specific Antibody Responses to the Six Species of Ebola and Marburg Viruses by Multiplexed Protein Microarrays." Clinical and Vaccine Immunology (2014): CVI-00484. **other ; Monkey**.

PubMed:25230936

[IF=0] Ulrich, Robert G., and Teddy Kamata. "METHOD AND COMPOSITION FOR DETERMINING SPECIFIC ANTIBODY RESPONSES TO SPECIES OF FILOVIRUS." U.S. Patent No. 20,170,089,920. 30 Mar. 2017. **other ; Monkey**.

PubMed:U.S.PatentNo.20,170,089,920.30Mar.2017.

Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Monkey,
Applications	Flow-Cyt=1:100-1000 IF=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 Monkey IgM
Lsotype	IgG

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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℃ 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.