

## Mouse Anti-Rabbit IgM / AF488 antibody

SL0369M-AF488

**Product Name** Mouse Anti-Rabbit IgM / AF488  
**Chinese Name** Alexa Fluor 488 标记的小鼠抗兔 IgM  
**Alias** Mouse Anti-Rabbit IgM (Alexa Fluor® 488); Immunoglobulin M;

**Specific References (4)** | SL0369M-AF488 has been referenced in 4 publications.

**[IF=14.976]** Junli Zhang. et al. Localized fluorescent imaging of multiple proteins on individual extracellular vesicles using rolling circle amplification for cancer diagnosis. J Extracell Vesicles. 2020 Nov;10(1):e12025

PubMed:33304477

**[IF=7.376]** Li-Ming Yu. et al. Activation of PKG-CREB-KLF15 by melatonin attenuates Angiotensin II-induced vulnerability to atrial fibrillation via enhancing branched-chain amino acids catabolism. Free Radical Bio Med. 2021 Dec;; IF ; Mouse.

PubMed:34864165

**[IF=2.985]** Xiaohan Yuan et al. NCOA5 is a master regulator of amino acid-induced mTOR activation and  $\beta$ -casein synthesis in bovine mammary epithelial cells. Biochem Biophys Res Commun . 2020 Aug 27;529(3):569-574. IF ; cow.

PubMed:32736675

**[IF=2.47]** Li, Lu, et al. "Twintilin 1 enhances milk bio-synthesis and proliferation of bovine mammary epithelial cells via the mTOR signaling pathway." Biochemical and Biophysical Research Communications (2017). IF(ICC) ; Rabbit.

PubMed:28864421





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<b>Immunogen Species</b>	Mouse
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Rabbit, Flow-Cyt=1:100-1000 IF=1:100-1000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Form</b>	Liquid
<b>Concentration</b>	2.0 mg/ml
<b>immunogen</b>	Native Rabbit IgM
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein G
<b>Buffer Solution</b>	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
<b>Storage</b>	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. 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.
<b>Product Detail</b>	