

## Rabbit Anti-Rat IgM / AF488 antibody

SL0346R-AF488

**Product Name** Rabbit Anti-Rat IgM / AF488  
**Chinese Name** Alexa Fluor 488 标记的兔抗大鼠 IgM  
**Alias** Rabbit Anti-Rat IgM (Alexa Fluor® 488); Immunoglobulin M;

**Specific References (1)** | SL0346R-AF488 has been referenced in 1 publications.



**[IF=3.315]** Hai Wang. et al. Dual efficacy of Fasudil at improvement of survival and reinnervation of flap through RhoA/ROCK/PI3K/Akt pathway. 2022 Mar 22 **IF** ; **Mouse**.

PubMed:35315211

**Immunogen Species** Rabbit  
**Clonality** Polyclonal  
**React Species** Rat,  
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 Rat IgM  
**Lsotype** 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** 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.