



## Goat Anti-Mouse IgM/Alexa Fluor 594 antibody

SL0368G-AF594

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| <b>Product Name:</b>     | Goat Anti-Mouse IgM/Alexa Fluor 594   |
| <b>Chinese Name:</b>     | Alexa Fluor 594标记的羊抗小鼠IgM   |
| <b>Alias:</b>            | Immunoglobulin M; mouse IgM   |
| <b>Organism Species:</b> | Goat  |
| <b>Clonality:</b>        | Polyclonal  |
| <b>React Species:</b>    | Mouse,  |
| <b>Applications:</b>     | IF=1:100-1000<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b> | 900kDa  |
| <b>Form:</b>             | Lyophilized or Liquid   |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>immunogen:</b>        | Full length mouse IgM protein:  |
| <b>Lsotype:</b>          | IgG   |
| <b>Purification:</b>     | affinity purified by Protein G  |
| <b>Storage Buffer:</b>   | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>          | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.   |
| <b>Product Detail:</b>   | 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 activating the complement pathway. The gene for the mu constant region contains four domains separated by short intervening sequences. |
|                          | <b>Important Note:</b>  |

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|  | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
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