



Rabbit anti-Bovine IgM whole serum antibody

SL0327Rs

Product Name:	Rabbit anti-Bovine IgM whole serum
Chinese Name:	兔抗牛IgM抗血清
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Bovine
Applications:	WB=1:10000-50000ELISA=1:10000-100000IHC-P=1:10000-50000IHC-F=1:10000-50000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	900kDa
Form:	lyophilized powder
immunogen:	Bovine IgM protein purified from serum:
Isotype:	whole antiserum
Purification:	Unpurified
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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.