

Rabbit Anti-Mouse Kappa light chain / HRP antibody

SL0330R-HRP

Product Name Rabbit Anti-Mouse Kappa light chain / HRP

Chinese Name 辣根过氧化物酶标记的兔抗小鼠 k 链

Alias Rabbit Anti-Mouse Kappa light chain (HRP)

Specific References (1) | SL0330R-HRP has been referenced in 1 publications.



[IF=1.69] Ahn et al. Expression of claudins, occludin, junction adhesion molecule A and zona occludens 1 in canine organs. (2016) Mol.Med.Re. 14:3697-703 **WB ; dog.**

PubMed:27600198

Immunogen Species Rabbit

Clonality Polyclonal

React Species Mouse,
WB=1:1000-10000,IHC-P=1:100-500,IHC-F=1:100-1000,ELISA=1:1000-10000

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 KLH conjugated synthetic peptide derived from Mouse Kappa light chain

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 Immunoglobulins belong to a group of related glyco proteins which make up 20% of serum proteins. Antigens and immunoglobulins react to confer immunity to



individuals. Immunoglobulins have similar structures of two identical heavy chains and two identical light chains. Both the heavy chains and the light chains are divided into constant and variable regions. The constant regions have the same amino acid sequences between all the immunoglobulin classes. The variable regions have approximately 110 amino acids with high sequence variability. The amino acid sequence of the heavy chain determines the class of an immunoglobulin. The five types of immunoglobulin heavy chains are known as: IgG, IgA, IgM, IgD, and IgE. IgG is divided into four subclasses, and IgA is divided into two subclasses. In serum IgA and IgG are monomers with a single 4 polypeptide unit; while, IgM is a pentamer. IgA may also form polymers. Kappa light chain antibody can be used for the identification of leukemias, plasmacytomas and certain non Hodgkin's lymphomas. Kappa light chain contains one immunoglobulin like domain. The EU sequence has the INV allotypic marker, Ala 45 and Val 83. The ROY sequence has the INV allotypic marker, Ala 45 and Leu 83.