



Rabbit Anti-Mouse Kappa light chain antibody

SL0330R

Product Name	Rabbit Anti-Mouse Kappa light chain
Chinese Name	兔抗小鼠 k 链
Alias	Mouse Ig kappa chain C region; HCAK 1; HCAK1; Ig kappa chain C region; IGKC; Immunoglobulin kappa constant; Immunoglobulin kappa constant region; Immunoglobulin kappa light chain; Kappa 1 immunoglobulin light chain; kappa light chain; Km; MGC111575; MGC62011; MGC72072; MGC88770; MGC88771; MGC88809; IGKC_MOUSE.
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:200-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Lyophilized powder
immunogen	KLH conjugated synthetic peptide derived from Mouse Kappa light chain: 151-219/219
Lsotype	IgG
Purification	Affinity purified by Protein A
Storage	Store at -20°C stable for 2 years (lyophilized powder). 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. 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
Product Detail	



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.

Database links:

[Entrez Gene: 16071](#) MOUSE