



Rabbit Anti-Ig kappa chain C region antibody

SL3800R

Product Name:	Ig kappa chain C region
Chinese Name:	k轻链抗体
Alias:	Kappa Light Chain; IGKC; 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; Km; MGC111575; MGC62011; MGC72072; MGC88770; MGC88771; MGC88809; Human Ig/L-Chain Kappa; IGKC HUMAN.
文献引用 PubMed :	<p>Specific References(1) SL3800R has been referenced in 1 publications.</p> <p>[IF=2.86] Shen, Liming, et al. "Redox Proteomic Profiling of Specifically Carbonylated Proteins in the Serum of Triple Transgenic Alzheimer's Disease Mice." International Journal of Molecular Sciences 17.4 (2016): 469. WB;Mouse.</p> <p style="text-align: right;">PubMed:27077851</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	11kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	Purified human Kappa light chain:
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage:	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.
PubMed:	PubMed
Product Detail:	<p>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.</p> <p>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.</p> <p>SWISS: P01834</p> <p>Gene ID: 3514</p> <p>Database links:</p> <p>Entrez Gene: 3514Human Omim: 147200Human SwissProt: P01834Human Unigene: 449609Human</p> <p>Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p> <p>该抗体特异识别人免疫球蛋白κ轻链, 可用于鉴定白血病、浆细胞瘤以及某些非霍奇金氏淋巴瘤。这些Tumour的共同特征是只限于单个轻链的表达, 因此轻链Kappa和Lamda可用于良恶性淋巴病变(反应性lymphocyte增生和淋巴瘤)的辅助性诊断。</p>