

Rabbit Anti-Mouse Kappa light chain / AF488 antibody

SL0330R-AF488

Product Name Rabbit Anti-Mouse Kappa light chain / AF488
Chinese Name Alexa Fluor 488 标记的兔抗小鼠 k 链
Alias Rabbit Anti-Mouse Kappa light chain (Alexa Fluor® 488)

Specific References (1) | SL0330R-AF488 has been referenced in 1 publications.



[IF=2.884] Zhu D et al. Transforming growth factor β 1 promotes fibroblast-like synoviocytes migration and invasion via TGF- β 1/Smad signaling in rheumatoid arthritis. Mol Cell Biochem. 2019 Sep;459(1-2):141-150. **ICF ; Human.**

PubMed:31297660

Immunogen Species Rabbit
Clonality Polyclonal
React Species Mouse,
 IF=1:100-1000,Flow-Cyt=1:100-1000,ICC/IF=1:100-1000
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.