
Product Name: Human kappa Light Chain Rabbit Monoclonal Antibody**Catalog #: AMRe03277**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 12 kDa; Observed MW: 26 kDa

Antigen Information

Gene Name	IGKC
Alternative Names	HCAK1; Ig kappa chain C region; IGKC; IMMUNOGLOBULIN InV; Km
Gene ID	3514.0
SwissProt ID	P01834
Immunogen	Full length native protein

Background

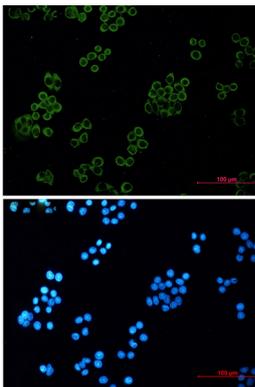
Constant region of immunoglobulin light chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound

immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells.

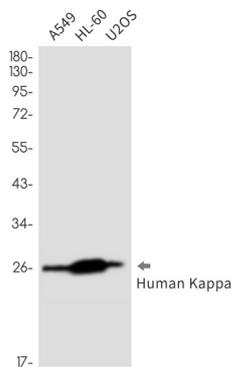
Research Area

Immunology

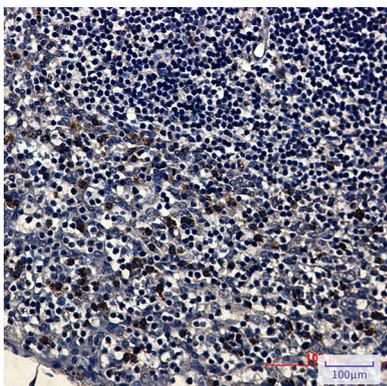
Image Data



Immunocytochemistry analysis of Human kappa Light Chain (green) in HeLa using Human kappa Light Chain antibody, and DAPI (blue).



Western blot analysis of Human Kappa Light Chain in A549, HL-60, U2OS lysates using Human Kappa Light Chain antibody. Observed band size: 26 kDa.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Human Kappa Light Chain antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.