

Recombinant Kappa light chain Monoclonal Antibody

catalog number: AN301847L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

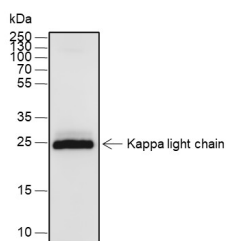
Reactivity	Human
Immunogen	Recombinant human Kappa light chain fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C321469
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:2000-1:10000
IHC	1:200-1:1000

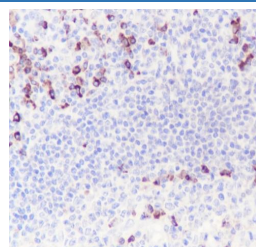
Data



Western Blot with Kappa light chain Monoclonal Antibody at dilution of 1:10000. Lane 1: Human plasma

Observed-MW:25 kDa

Calculated-MW:25 kDa



Immunohistochemistry of paraffin-embedded Human tonsil using Kappa light chain Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Antibody production is a response to foreign molecules invading the body. Antibodies exist as one or more Y-shaped monomers consisting of four polypeptide chains. Each Y-shaped monomer contains two identical heavy chains and two identical light chains, which differ in sequence and length. The top of the Y-shaped monomer contains a variable region that can specifically bind tightly to an epitope on an antigen. The light chains of antibodies can be classified as either kappa (κ) or lambda (λ) types based on minor differences in their polypeptide sequences.

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