

Human Lambda chain Mouse mAb

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Catalog # AP94801

Product Information

Application	WB, IHC-P, IHC-F, IF
Host	Rabbit
Clonality	Monoclonal
Physical State	Liquid
Immunogen	Purified native protein
Isotype	IgG1
Buffer	0.01M PBS (pH7.4).
SUBCELLULAR LOCATION	Cytoplasmic
SIMILARITY	Contains 1 Ig-like (immunoglobulin-like) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	All five immunoglobulin classes share the same basic four polypeptide chain structure of two heavy-chains and two light chains. There are five heavy chain types, and two light-chain types (Kappa and Lambda) both having a molecular weight of 22.5kDa. Any heavy-chain type can associate with either light-chain type, but on any immunoglobulin molecule both light-chains are of the same type. Kappa and Lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region.

Additional Information

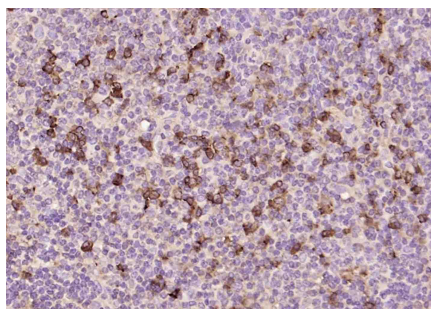
Dilution	IHC-P=1:100-500, WB=1:500-2000, IHC-F=1:100-500, IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

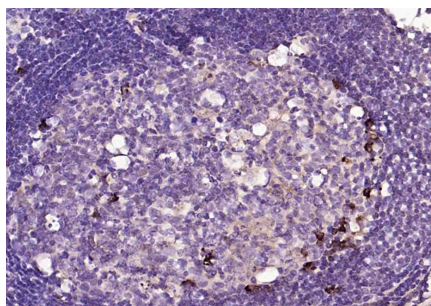
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Images

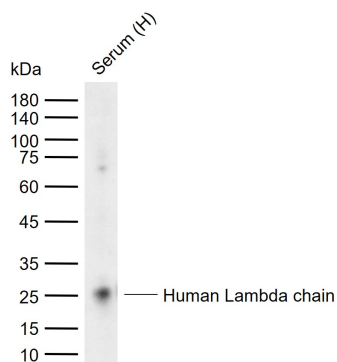
Paraformaldehyde-fixed, paraffin embedded (human tonsil); Antigen retrieval by boiling in E sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase



by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Human Lambda chain) Monoclonal Antibody, Unconjugated (AP94801) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human lymphoid); Antigen retrieval by boiling in E sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Human Lambda chain) Monoclonal Antibody, Unconjugated (AP94801) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Sample: Lane 1: Human Serum Primary: Anti-Human Lambda chain (AP94801) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: kDa Observed band size: 25 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.