

HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb

Catalog No.: AS109

Basic Information

Observed MW

25kDa

Calculated MW

Category

Secondary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC60645-02-HRP

Conjugate

HRP

Background

Recommended Dilutions

WB	1:5000-1:10000
IHC-P	1:50-1:200
ELISA	1:5000-1:10000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

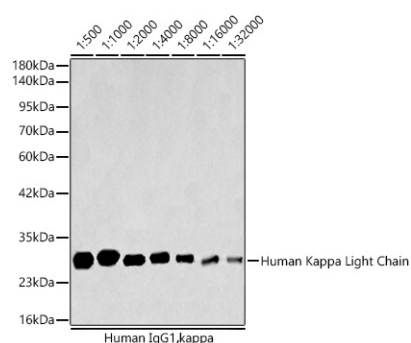
Purification

Storage

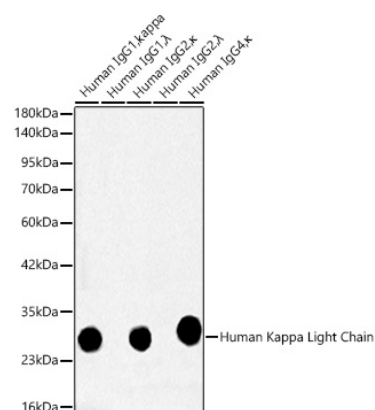
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data

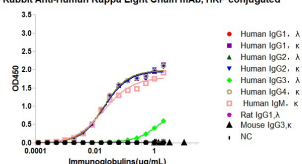


Western blot analysis of recombinant Human IgG1 Kappa using HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb (AS109) at 1:500-1:32000 dilution incubated overnight at 4°C. Lysates/proteins: 100ng µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

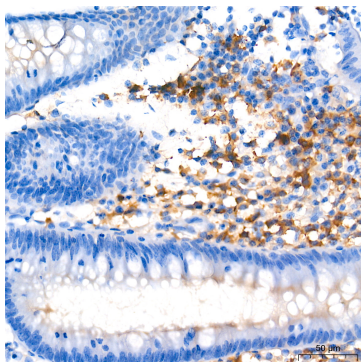


Western blot analysis of recombinant Human IgG1kappa, Human IgG2k, Human IgG4k using HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb (AS109) at 1:1000 dilution incubated overnight at 4°C. Lysates/proteins: 100ng µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): Human IgG1λ, Human IgG2λ. Exposure time: 5s.

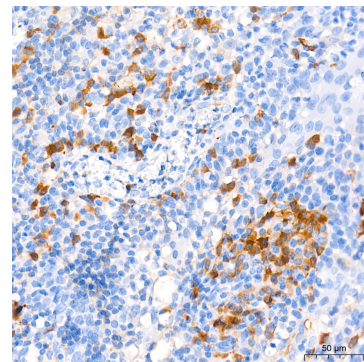
Affinity of Rabbit Anti-Human Kappa Light Chain mAb, HRP conjugated



Dose response curve of HRP conjugated Rabbit Anti-Human Kappa Light Chain mAb measured by ELISA. 1 µg/mL of various immunoglobulins were coated to 384-well plate., blank wells without protein were used as negative control (NC). The coated plate was blocked and subsequently incubated with 25 µL of HRP conjugated Rabbit Anti-Human Kappa Light Chain mAb in a 2 fold serial dilution from 2 µg/mL to 6.1×10⁻⁵ pg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Rabbit anti-Human Kappa Light Chain mAb has highly specific recognition of Human IgG1, κ, Human IgG2, κ, Human IgG4, κ, Human IgM, κ while no or minimal cross reactivity to Human IgG1, λ, Human IgG2, λ, Human IgG3, λ, Rat IgG1, λ, Mouse IgG3, κ.



Immunohistochemistry analysis of paraffin-embedded Human appendix tissue using HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb (AS109) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb (AS109) at a dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.