

HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb

Catalog No.: AS109

Basic Information

Observed MW

25kDa

Calculated MW

Category

Secondary antibody

Applications

ELISA

Cross-Reactivity

CloneNo number

ARC60645-02-HRP

Background

Recommended Dilutions

ELISA 1:5000-1:10000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Isotype

Purification

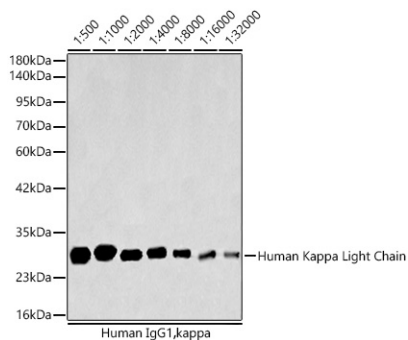
Rabbit

Storage

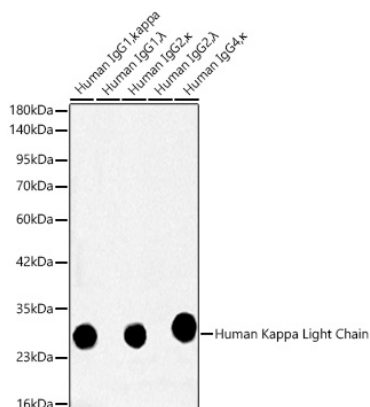
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data

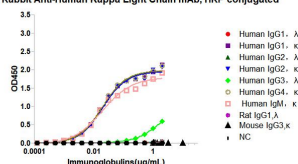


Western blot analysis of lysates from cells using HRP-conjugated Rabbit anti-Human Kappa Light Chain mAb (AS109) at 1:500-1:32000 dilution incubated overnight at 4°C.
 Lysates/proteins: 100ng µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: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



Western blot analysis of various lysates 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} µg/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.