

Ig κ light chain

Cat.No. 346 011; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized. Azide was added before lyophilization. For reconstitution add 100 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: not tested yet ICC: not tested yet IHC: yes IHC-P/FFPE: 1 : 200
Clone	190F11
Subtype	IgG2a (κ light chain)
Immunogen	Recombinant protein corresponding to AA 130 to 235 from human IgG κ LC
Epitop	Epitop: AA 130 to 235 from human IgG κ LC
Reactivity	Reacts with: human. Other species not tested yet.
Specificity	Detects the κ light chain of human immunoglobulins. No cross-reactivity to λ light chains.

Selected General References

Dissociation of kappa- and lambda-chains from reduced human immunoglobulins.
Cohen S, Gordon S
The Biochemical Journal (1965) 97(2): 460-5.

TO BE USED IN VITRO / FOR RESEARCH ONLY

NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Immunoglobulin (**Ig**) molecules consist of heavy chains and light chains of either lambda (λ) or kappa (κ) type, with κ light chains being the more common form. Immunoglobulines of the IgG, IgD and IgE type are composed of two heavy and two light chains. IgA occurs as dimeric and IgM as pentameric Ig complexes.