

Ig λ light chain

Cat.No. 349 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 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
Immunogen	Recombinant protein corresponding to AA 1 to 216 from human IgG λ light chain
Reactivity	Reacts with: human. Other species not tested yet.
Specificity	Detects the λ light chain of human immunoglobulins. No cross-reactivity to κ light chains.

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.

Selected General References

Monoclonal antibodies to murine immunoglobulin isotypes.

Weiss S, Lehmann K, Cohn M

Hybridoma (1983) 2(1): 49-54.

Dissociation of kappa- and lambda-chains from reduced human immunoglobulins.

Cohen S, Gordon S

The Biochemical journal (1965) 97(2): 460-5.