

Ig λ light chain

Cat.No. 349 117; Monoclonal rat 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: not tested yet IHC-P/FFPE: 1 : 2000 up to 1 : 5000
Clone	23A1
Subtype	IgG2a
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	Specific for λ-light chain of human immunoglobulins. No cross-reactivity to κ light chains.

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.

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.