

Anti-Rat Alpha 4 (IV) NC1 Monoclonal Antibody, a84

Catalog # 70211 and 70215

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DESCRIPTION:	Rat monoclonal antibody against rat non-collagenous domain 1 of alpha 4 chain of type IV collagen (alpha 4 (IV) NC1), clone a84, unconjugated
APPLICATION:	Use for developing rat nephritis models, ELISA, immunohistochemistry, and immunoblotting
QUANTITY:	1 ml x 1 mg/ml (Catalog # 70211) 5 ml x 1 mg/ml (Catalog # 70215)
FORM:	Rat monoclonal antibody, clone a84, recognizes rat alpha 4 (IV) NC1. Dissolved in PBS, pH 7.2.
SOURCE:	Rat
REACTIVITY:	Reacts to rat alpha 4 (IV) NC1
SUBTYPE:	Rat IgG2a
USAGE:	In vivo studies: Refer to Chondrex Inc' s protocol "Rat Nephritogenic Monoclonal Antibodies to Glomerular Basement Membrane" for inducing nephritis in WKY rats. In-vitro studies: Dilute the antibody in buffer containing 2% heterologous serum, such as normal goat serum, to prevent non-specific reactions in ELISA, tissue staining, or immunoblotting.
STORAGE TEMPERATURE:	-20°C
STABILITY:	1 year
REFERENCES:	Kohda T. <i>et al.</i> High nephritogenicity of monoclonal antibodies belonging to IgG2a and IgG2b subclasses in rat anti-GBM nephritis. <i>Kidney Int.</i> 66:177-186, 2004.