

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

Catalog # 70211 and 70215

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Rat monoclonal antibody which recognizes rat non-collagenous domain 1 of the alpha 4 chain of type IV collagen (alpha 4 (IV) NC1), clone a84, unconjugated
APPLICATION:	Use for developing rat nephritis models, immunohistochemistry, and immunoblotting
QUANTITY:	1 ml x 1 mg/ml (Cat # 70211) 5 ml x 1 mg/ml (Cat # 70215)
FORM:	Solution dissolved in 0.05M phosphate buffered saline, pH 7.4
SOURCE:	Rat
IMMUNOGEN:	Alpha chain NC1 domains of Rat Type IV Collagen
REACTIVITY:	Reacts to rat alpha 4 (IV) NC1
SUBTYPE:	Rat IgG2a
USAGE:	<i>In vivo</i> studies: please refer to Chondrex Inc' s Rat Nephritogenic Monoclonal Antibodies to Glomerular Basement Membrane protocol for inducing nephritis in WKY rats. <i>In vitro</i> 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:	-80°C
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	T. Kohda, S. Okada, A. Hayashi, S. Kanzaki, Y. Ninomiya, <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 , 177-86 (2004).