Rat Anti-Rat Alpha 4 (IV) NC1 Monoclonal Antibody, Clone b35

Catalog # 70221 and 70225

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 b35, unconjugated
APPLICATION:	Use immunohistochemistry and immunoblotting
QUANTITY:	1 ml x 1 mg/ml (Cat # 70221) 5 ml x 1 mg/ml (Cat # 70225)
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 IgG2b
USAGE:	*In vivo* studies: please refer to Chondrex Inc' s Rat Nephritogenic Monoclonal Antibodies to Glomerular Basement Membrane protocol 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:	-80°C
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	T. Kohda, S. Okada, A. Hayashi, S. Kanzaki, Y. Ninomiya, *et al*., High nephritogenicity of monoclonal antibodies belonging to IgG2a and IgG2b subclasses in rat anti-GBM nephritis. *Kidney Int* **66**, 177-86 (2004).

© 2020 Chondrex, Inc. All Rights Reserved, 70221, 70225 3.0

16928 Woodinville-Redmond Rd NE Suite B-101
Woodinville, WA 98072

Phone: 425.702.6365 or 888.246.6373
Fax: 425.882.3094

www.chondrex.com
support@chondrex.com