

Rat Anti-Human Alpha 5 (IV) NC1 IgG2b Monoclonal Antibody, Clone H52

Catalog # 7077

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Rat IgG2b monoclonal antibody against the human non-collagenous domain 1 (NC1) of the alpha 5 chain of type IV collagen (Alpha 5 (IV) NC1), clone H52, unconjugated Clone H52 recognizes Alpha 5 (IV) NC1 (Epitope: SKPQSETL)
APPLICATION:	Use for immunohistochemistry* and immunoblotting * Acid treatment is required for immunohistochemistry - Soak tissue sections on the slide in 6M urea, 0.1M glycine-HCl buffer, pH 3.5, for 30 minutes; then rinse three times with PBS
QUANTITY:	0.1 ml, 1 mg/ml
FORM:	Solution in 0.05M Phosphate Buffered Saline, pH 7.4
SOURCE:	Rat
REACTIVITY:	Cross-reacts to dog, human, mouse, and rat alpha 5 (IV) NC1
IMMUNOGEN:	Peptide: CATVDVSDMFSKPQSETLKAGDLRTRI
PURITY:	Purified by Protein G chromatography
SUBTYPE:	Rat IgG2b
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as NGS, to prevent non-specific reactions in ELISA and tissue staining.
STORAGE:	-20°C
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	Y. Sado, M. Kagawa, Y. Kishiro, K. Sugihara, I. Naito, J. Seyer, M. Sugimoto, T. Oohashi, Y. Ninomiya, <i>Histochem Cell Biol</i> 104 :267-75 (1995). I. Naito, S. Kawai, S. Nomura, Y. Sado, G. Osawa, <i>Kidney Int</i> 50 :304-11 (1996).