

## Rat Anti-Human Alpha 5 (IV) Monoclonal Antibody, Clone H53, Biotinylated

Catalog # 70781

*For Research Use Only - Not Human or Therapeutic Use*

DESCRIPTION:	Rat IgG2a monoclonal antibody against the human non-collagenase domain of the alpha 5 chain of type IV collagen (alpha 5 (IV)), clone H53, biotinylated (Epitope: IDVEF).
APPLICATION:	Use for immunohistochemistry and immunoblotting
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, and mouse alpha 5 (IV) NC1
IMMUNOGEN:	Peptide: CQISEQKRPIDVEFQK
PURITY:	Purified by Protein G chromatography
SUBTYPE:	Rat IgG2a
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as normal goat serum, to prevent non-specific reactions in tissue staining or immunoblotting.
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> <b>104</b> :267-75 (1995).  I. Naito, S. Kawai, S. Nomura, Y. Sado, G. Osawa, <i>Kidney Int</i> <b>50</b> :304-11 (1996).  M. Kagawa, Y. Kishiro, I. Naito, T. Nemoto, H. Nakanishi, Y. Ninomiya, Y. Sado. <i>Nephrol Dial Transplant</i> <b>6</b> 1238-41 (1997)