

Rat Anti-Human Type I Collagen IgM Monoclonal Antibody, Clone 222b

Catalog # 7086

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Rat anti-human type I collagen IgM monoclonal antibody, clone 222b, unconjugated
APPLICATION:	Use for immunohistochemistry and ELISA. For immunoblotting, use at a high antibody concentration.
QUANTITY:	0.1 ml, 1 mg/ml
FORM:	Solution in 0.05M Phosphate Buffered Saline, pH 7.4
SOURCE:	Rat
REACTIVITY:	Reacts to native human type I collagen ($\alpha 1$ and $\beta 1$ chain) as well as mouse, bovine, and porcine type I collagen. Cross-reactivity with denatured human type I collagen is minimal (less than 10%).
IMMUNOGEN:	Human type I collagen
PURITY:	Purified by DEAE chromatography
SUBTYPE:	Rat IgM
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as normal goat serum, to prevent non-specific reactions in immunohistochemistry, ELISA, and immunoblotting. Working concentration: 0.1 - 10 $\mu\text{g/ml}$.
STORAGE:	-20°C
STABILITY:	1 year
NOTES:	Western blot analysis -Figure 1
REFERENCES:	N/A

