
Mouse Anti-CB10 IgG2b Monoclonal Antibody, Clone C2B-14

Catalog # 7116

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Mouse monoclonal antibody against cyanogen bromide cleaved peptide fragment 10 (CB10) of type II collagen, clone C2B-14, unconjugated (1).
APPLICATION:	Use for tissue staining, immunoblotting, and ELISA
QUANTITY:	0.1 ml, 1 mg/ml
FORM:	Solution in 0.05M Phosphate Buffered Saline, pH 7.4
SOURCE:	Mouse
REACTIVITY:	Cross-reacts to bovine and mouse type II collagen.
IMMUNOGEN:	Bovine type II collagen
PURITY:	Purified by Protein G chromatography
SUBTYPE:	Mouse IgG2b
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as normal goat serum or normal rabbit serum, to prevent non-specific reactions in ELISA and tissue staining. It is important to use the same species of serum as that of the secondary antibody. Heterologous serum will be the most effective blocking agent to prevent non-specific reactions. Working concentration: 0.1 - 1 µg/ml. If detecting denatured collagen, a 10X higher concentration of cocktail will be required for immunoblotting due to low reactivity to denatured collagen.
STORAGE:	-20°C
STABILITY:	1 year
NOTES:	N/A
REFERENCES:	E. Miller, Isolation and characterization of the cyanogen bromide peptides from the I(II) chain of chick cartilage collagen. <i>Biochemistry</i> 10 , 3030-5 (1971).