

## 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 <sup>1</sup> , unconjugated
APPLICATION:	Tissue staining, immunoblotting, and ELISA
CLONE:	C2B-14
SUBTYPE:	IgG2b
QUANTITY:	0.1 ml, 1 mg/ml in PBS pH 7.4
SOURCE:	Mouse
IMMUNOGEN:	Bovine type II collagen
CROSS-REACTIVITY:	Cross-reacts to bovine and mouse type II collagen
USAGE:	Dilute this monoclonal antibody at 0.1-10 µg/ml in a buffer containing 2% heterologous serum, such as normal goat serum (NGS) or normal rabbit serum (NRS) depending on the source of the secondary antibody. It is important to use the same species of serum as heterologous serum will be the most effective blocking agent to prevent non-specific reactions. Since reactivity with denatured collagen is low, a higher antibody concentration will be required to detect denatured collagen in immunoblotting.
STORAGE TEMPERATURE:	-20°C
STABILITY:	1 year
REFERENCES:	1. Miller E.J. Isolation and characterization of the cyanogen bromide peptides from the I(II) chain of chick cartilage collagen. <i>Biochemistry</i> . Aug 3;10(16):3030-5, (1971).