

## Mouse Anti-Type II Collagen Monoclonal Antibody Cocktail, Biotinylated

Catalog # 7006

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

DESCRIPTION:	Mouse Anti-Type II Collagen Monoclonal Antibody Cocktail, biotinylated  A cocktail of 4 monoclonal antibodies, clone A2-10 (IgG2a), F10-21 (IgG2a), D8-6 (IgG2a) and D1-2G (IgG2b), recognizing the conserved epitopes on various species of type II collagen.
APPLICATION:	Use for immunohistochemistry, immunoblotting, and ELISA
QUANTITY:	0.1 ml, 1 mg/ml
FORM:	Solution in buffered normal goat serum, pH 7.2
SOURCE:	Mouse
REACTIVITY:	Cross-reacts (by more than 95%) to most species of type II collagen including mouse, porcine, chick, bovine, human, rat, monkey, rabbit, equine and dog.
IMMUNOGEN:	Chick Type II Collagen
PURITY:	Purified by Protein G chromatography
SUBTYPE:	Mouse IgG2a and IgG2b
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as NGS, to prevent non-specific reactions in ELISA and tissue staining. 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:	Terato K. <i>et al. J. Immunol.</i> <b>148</b> : 2103-2108 (1992)