

Mouse Monoclonal Anti-Type II Collagen Antibody

Catalog # 7005

For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION:	Mouse monoclonal anti-type II collagen 4 clone antibody cocktail, unconjugated
APPLICATION:	Use for immunohistochemistry, immunoblotting and ELISA
QUANTITY:	100 μ L, 1 mg/mL
FORM:	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. Dissolved in buffered normal goat serum (NGS), pH 7.2.
SOURCE:	Mouse
CROSS-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.
USAGE:	Dilute the antibody in buffer containing 2% heterologous serum, such as NGS, to prevent non-specific reactions in ELISA, tissue staining or immunoblotting. Use 0.1-1 μ g/mL. Due to low reactivity to denatured collagen, ten times higher concentration will be required to detect denatured collagen in immunoblotting.
STORAGE TEMPERATURE:	-20°C
STABILITY:	1 year
REFERENCES:	Terato K. et al. J. Immunol. 148: 2103-2108 (1992)