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 μL, 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 μg/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