Mouse Anti-Chick Type II Collagen IgG2a Monoclonal Antibody, Biotinylated
Catalog # 7081
For Research Use Only - Not Human or Therapeutic Use

DESCRIPTION: Mouse anti-chick type II collagen IgG2a monoclonal antibody, clone D8-6, biotinylated

APPLICATION: Use for immunohistochemistry, immunoblotting, and ELISA

QUANTITY: 100 μl, 1 mg/ml

FORM: Dissolved in PBS, 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, and monkey.

IMMUNOGEN: Native chick type II collagen

EPITOPE: Amino acid sequence 364 - 375 of chick type II collagen which is on cyanogen bromide-cleaved peptide 11 (CB11) of chick type II collagen (a 279-residue peptide representing residues 124-402 of type II collagen).

PURITY: Protein G purified

SUBTYPE: Mouse IgG2a

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
