



## PRODUCT DATA SHEET

**Product:** Anti-COMP mAb, clone 6G5

**Cat. No.:** MC-810 (10 mL)

**Specificity:**

Reacts with both reduced and non-reduced human COMP.

**Controls:**

Purified antigen, cartilage extracts or mature cultured chondrocytes.

**Immunogen:**

Recombinant pentameric E. coli derived fragment of COMP

**Species Reactivity:**

Human. Others not tested.

**Ig Isotype:**

Mouse IgM

**Format:**

10 mL of supernatant containing 0.01% sodium azide.

**Storage:**

Store at -20°C long term, 4°C short term. Aliquot to avoid freeze/thaw cycles.

**Applications and Suggested Dilutions:**

- ELISA: Use at a 1:5-1:10 dilution.
- Immunoprecipitation
- Immunohistochemistry: Cryosectioned material.
- Western blot: Use at a 1:1-1:3 dilution.

The optimal dilution for a specific application should be determined by the researcher.

**References:**

1. Oldberg et al (1992) Journal of Biological Chemistry 267: 22346-50.
2. Newton et al (1994) Genomics 24: 435-39.
3. DiCesare et al (1999) Journal of Orthopaedic Research 13: 422-28.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.