



PRODUCT DATA SHEET

Product: Anti-Collagen (Type XII) mAb, clone 378D5

Cat. No.: MC-801 (100 µL)

Species Reactivity:

Human, bovine, chicken. Others not tested.

Ig Isotype:

Mouse IgG_{1b}

Immunogen:

Bovine collagen type XII

Epitope:

Not determined.

Format:

100 µL monoclonal antibody at 1-3 mg/mL with 0.01% sodium azide.

Storage:

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

Applications and Suggested Dilutions:

- ELISA: Use at a 1:500-1:1,000 dilution.
- Immunohistochemistry: Use at a 1:500-1:1,000 dilution. A mild (0.05% for 10-15 min. at 37°C) trypsin or Protease 27 (Sigma) - digestion, or alternatively microwave oven treatment, is recommended to unmask the collagens. This antibody is not recommended for paraffin-embedded material.
- Immunoprecipitation: Use at a 1:50-1:100 dilution.
- Western blot: Use at a 1:100-1:300 dilution.

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

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.