



PRODUCT DATA SHEET

Product: Anti-Procollagen Lysine-2-Oxoglutarate-5-Dioxygenase 2 (PLOD2) pAb

Cat. No.: PC-2105 (200 µL)

Species Reactivity:

Human, mouse and rat. Other species not known.

Ig Isotype:

Rabbit IgG

Immunogen:

Recombinant PLOD2 (Lys644~Pro737) with two N-terminal Tags, His-tag and T7-tag expressed in *E. coli*.

Format:

500 µg/mL of polyclonal antibody in PBS, pH 7.4, containing 0.02% NaN₃, 50% glycerol. Purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.

Storage:

Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two years without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Applications and Suggested Dilutions:

- Western blot: Use at 0.2 - 2 µg/mL.
- Immunohistochemistry: Use at 5 - 20 µg/mL.
- Immunocytochemistry: Use at 5 - 20 µg/mL.

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.