



PRODUCT DATA SHEET

Product: Anti-p16^{INK4A} mAb, clone 6H12

Cat. No.: MC-903 (1 mL)

Specificity:

This antibody is recommended for use in detecting p16 protein expression in a variety of normal and neoplastic tissues.

Immunogen:

Prokaryotic recombinant fusion protein corresponding to the entire human p16 molecule.

Ig Isotype:

Mouse IgG_{2b}

Species Reactivity:

Human. Others not tested.

Positive Control:

Immunohistochemistry: Endometrium

Format:

1 mL of liquid tissue culture supernatant containing monoclonal antibody at ≥ 16.5 mg/L (as determined by ELISA) in PBS with 12 mM sodium azide and protein stabilizer. The total protein concentration will range from 1.0 – 8.0 g/L. Please refer to the vial label for lot specific Ig and total protein concentrations.

Storage:

Store at 4°C. Do NOT freeze. Return to 4°C immediately after use. Do not use after the expiration date indicated on the vial label.

Applications:

■ Immunohistochemistry: Paraffin sections. Incubate tissue section with primary reagent for 15 minutes at 25°C. Heat induced epitope retrieval using 0.01 M citrate retrieval solution (pH 6.0) is recommended. This is provided as a guide only. This antibody is pre-titred for use and does not require further dilution when used with a secondary detection system. Specimen preparation: The recommended fixative is 10% neutral-buffered formalin for paraffin-embedded tissue sections.

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.