Monoclonal Mouse Antibody to Human Involucrin

Catalog No.: Mob 270, Mob 270-05

Intended Use: This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.

Immunogen: BALB/C mice were injected with human keratinocytes involucrin.

Clone: SY5

Isotype: IgG1

Format: This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.

Titer/Working Dilution: This antibody may be diluted to a titer of 1:25-1:75 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.

Immuno-Staining: We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections may require digestion with trypsin at 1mg/ml for 5 minutes at 37°C.

Positive Control: Skin

Cellular Localization: Cytoplasmic

Specificity: This antibody is specific to a 66 - 170 kD protein, which is identified as involucrin. This antibody stains involucrin in a variety of sizes; 170 kD in MCF-7 cells, a doublet of ~115 kD and 150 kD in gorilla and monkey, and a doublet of 105 kD in pig.

Storage: Store at 2-8°C. Do not use it beyond the expiration date stated on the label.

References:

i) Hudson et al. Hybridoma 11: 367, 1992.

IVD: For In Vitro Diagnostic Use

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