



# Product Specification Sheet

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## Cytokeratin 8/18 Biotin<sup>®</sup>

**FOR RESEARCH USE ONLY:** This product is not for diagnostic or therapeutic use.

**CATALOG #:** R2104-1

**DESCRIPTION:** Biotin conjugated monoclonal antibody (NCL-5D3) in phosphate buffered saline, protein stabilizers, and sodium azide preservative. NCL-5D3 is specific for human cytokeratin 8 and 18 intermediate filament proteins. In normal tissues, NCL-5D3 recognizes all simple and glandular epithelium. In neoplastic tissues, NCL-5D3 may prove useful for the identification of adenocarcinomas and most squamous cell carcinomas but keratinizing squamous carcinomas are generally negative. Immunogen: MCF-7 human breast cancer cells.

**SUPPLIED AS:** 1 mL, ready to use liquid.

**STABILITY:** Stable when stored at 4-8°C. Recommended storage upon receipt is 4-8°C. **KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.**

### APPLICATIONS AND SUGGESTED USE:

Staining and identification of epithelial cells. Use with streptavidin or avidin conjugates, e.g. Streptavidin-alkaline Phosphatase or Streptavidin FITC.

### MATERIAL SAFETY DATA:

When handling this material Standard Laboratory Practices or Proper Protective Equipment should be followed. Avoid breathing vapor. Avoid contact with eyes, skin and clothing.