



PRODUCT DATA SHEET

Product: Anti-Keratin 18, clone DA-7

Cat. No: MC-969 (100 µg)

Specificity: Reacts with a 45 kDa cytokeratin protein (cytokeratin 18). Keratin DA-7 specifically recognizes glandular epithelial cells from gastro-intestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissue and mesothelial cells. It is not reactive with stratified squamous epithelia (esophagus, epidermis and ectocervix). In transitional epithelium of the bladder, it reacts only with the superficial (umbrella) cells. DA-7 can distinguish adenocarcinomas and mesotheliomas from squamous cell carcinoma and non-epithelial tumors.

Species Reactivity: Human, does not recognize others.

Ig Isotype: Murine IgG₁

Format: 100 µg in PBS containing 15 mM sodium azide, pH 7.4. Concentration is 1 mg/ml.

Storage and Stability: Store undiluted antibody at 2 - 8°C until expiry date. For long term, aliquot and store at -20°C. Avoid freeze/thaw cycles.

Applications and Suggested Dilutions:

- ELISA
- Immunocytochemistry
- Immunohistochemistry (Protease pre-treatment required for paraffin-embedded tissue sections)
- Western blot

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.