



PRODUCT DATA SHEET

Product: Epithelial Cells, clone 5E11

Cat. No: MC-989 (100 µg)

Specificity:

This antibody shows positive staining on luminal cells of normal human mammary epithelium. No staining to weak staining is observed within the basal cell compartment of the mammary epithelium. Positive staining is observed on the following cell lines: MCF-7, CAMA, T47D, BT10, BT20, Colo 205 and WIDR. Staining is negative on human bone marrow cells, blood cells, lymphoid and mesenchymal tissues, and mammary and marrow fibroblast cultures.

Species Reactivity:

Human, others not tested.

Ig Isotype:

Mouse IgG1

Immunogen:

The 5E11 clone was generated immunizing a BALB/c mouse with T47D human mammary carcinoma cells. Splenocytes were fused with SP2/0 myeloma cells.

Format:

100 µg of antibody in phosphate buffered saline.

Storage and Stability:

Store at +4°C. Do not freeze.

Applications and Suggested Dilutions:

- Flow Cytometry: Recommend per 10^6 cells in 100 µl of 1-3 µg/ml antibody
- Immunohistochemistry: Paraffin sections: use at 1-3 µg/ml; Heat-induced antigen retrieval protocol is required for optimal staining of formalin-fixed paraffin-embedded tissues.

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.