



PRODUCT DATA SHEET

Product: Anti-Keratin 8, clone C-43

Cat. No: MC-964 (100 µg)

Specificity: Recognizes keratin 8, 52.5 kDa cytokeratin proteins.

Species Reactivity: Human, sheep, pig, bovine and rabbit. Negative with rat, mouse, chicken and Xenopus tissue.

Isotype: Mouse IgG₁

Immunogen: Cytoskeleton preparation of HeLa cells.

Format: Product: 100 µg at 1mg/ml in PBS containing 15 mM sodium azide, pH7.4.

Storage and Stability: Store undiluted antibody at 2-8°C for short term storage. For long term storage, store aliquots at -20°C.

Applications and Suggested Dilutions:

- Immunohistochemistry –Cultured cells: Strongly reacts with epithelial cells. Frozen sections: Strongly reacts with all simple epithelia. Paraffin-embedded tissues: Reacts weakly on methacarn or modified formalin-fixed material. Formalin fixative is not advised. A protease pretreatment of the deparaffinized sections is advised.
- 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.