



## Product Information Sheet

### Monoclonal Anti-Cytokeratin Peptide 13 (Sephadex Bead Conjugate)

**Catalogue No.** MA1025-S

**Lot No.** 08A12

**Clone:** CK-13

**Ig type:** mouse IgG1

**Size:** 200µl

**Specificity**

Human.

No cross reactivity with other proteins.

**Immunogen**

The cultured human epidermoid carcinoma cell line A-431.

**Purification**

Purified by the goat anti-mouse IgG affinity chromatography.

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

**Storage**

Store at 4°C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sephadex beads. It is useful for immunoprecipitation assays

**Recommended application**

*Immunoprecipitation(IP)*

### BACKGROUND

Cytokeratin 13 is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Cytokeratin 13 was mapped to chromosome 17 by PCR amplification with cytokeratin 13-specific DNA antisense of a human-hamster somatic cell hybrid DNA panel.

### REFERENCE

Romano, V.; Bosco, P.; Raimondi, E.; Feo, S.; Leube, R.; Franke, W.; Ceratto, N. : *Chromosomal mapping and physical linkage analysis of human acidic cytokeratin genes. (Abstract) Cytogenet. Cell Genet.* 58: 2009-2010, 1991.

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