



## Product Information Sheet

### Monoclonal Anti-Vimentin (Sepharose Bead Conjugate)

**Catalogue No.** MA1102-S

**Immunogen**

Pig eye lens vimentin.

**Lot No.** 08A12

**Purification**

Purified by the goat anti-mouse IgG affinity chromatography.

**Clone:** VMT-24

**Ig type:** mouse IgG1

**Formulation**

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

**Size:** 200µl

**Storage**

Store at 4°C for frequent use.

**Specificity**

Human, rat.

No cross reactivity with other proteins.

**Description:**

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

**Recommended application**

*Immunoprecipitation(IP)*

#### BACKGROUND

The VIM gene was one of many that Gieser and Swaroop (1992) recovered from a subtracted cDNA library for retinal pigment epithelium. Vimentin gene express in human lymphocytes and in Burkitt's lymphoma cells. Vimentin is secreted by activated macrophages. The gene encoding human vimentin is located on the short arm of chromosome 10.

#### REFERENCE

1. Lilienbaum, A.; Legagneux, V.; Portier, M.-M.; Dellagi, K.; Paulin, D. : Vimentin gene: expression in human lymphocytes and in Burkitt's lymphoma cells. EMBO J. 5: 2809-2814, 1986.
2. Mor-Vaknin, N.; Punturieri, A.; Sitwala, K.; Markovitz, D. M. : Vimentin is secreted by activated macrophages. Nature Cell Biol. 5: 59-63, 2003
- 3 Ferrari, S.; Cannizzaro, L. A.; Battini, R.; Huebner, K.; Baserga, R. : The gene encoding human vimentin is located on the short arm of chromosome 10. Am. J. Hum. Genet. 41: 616-626, 1987.

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