



## Product Information Sheet

### Monoclonal Anti- $\beta$ -Tubulin (Sephacrose Bead Conjugate)

**Catalogue No.** MA1112-S

**Immunogen**

Tubulin from rat brain.

**Lot No.** 08A12

**Purification**

**Clone:** TUB-2

Purified by the goat anti-mouse IgG affinity chromatography.

**Ig type:** mouse IgG1

**Formulation**

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

**Size:** 200 $\mu$ l

**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 sephacrose beads. It is useful for immunoprecipitation assays

**Recommended application**

*Immunoprecipitation(IP)*

#### BACKGROUND

Tubulin beta (TUBB) was derived from its corresponding mRNA with a molecular weight of about 55,000. TUBB gene contains 4 exons and located in the HLA class I region at 6p21.3. Paclitaxel resistance in non-small-cell lung cancer associated with beta-tubulin gene mutations

#### REFERENCE

1. Floyd-Smith, G. A.; de Martinville, B.; Francke, U. : A beta-tubulin expressed gene M40 (TUBB) is located on human chromosome 6 and two related pseudogenes are located on chromosomes 8 (TUBBP1) and 13 (TUBBP2). (Abstract) Cytogenet. Cell Genet. 40: 629, 1985.
2. Floyd-Smith, G. A.; de Martinville, B.; Francke, U. : An expressed beta-tubulin gene, TUBB, is located on the short arm of human chromosome 6 and two related sequences are dispersed on chromosomes 8 and 13. Exp. Cell Res. 163: 539-548, 1986.
- 3 Monzo, M.; Rosell, R.; Sanchez, J. J.; Lee, J. S.; O'Brate, A.; Gonzalez-Larriba, J. L.; Alberola, V.; Lorenzo, J. C.; Nunez, L.; Ro, J. Y.; Martin, C. : acitaxel resistance in non-small-

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