



## Product Information Sheet

### Monoclonal Anti-γ-Adaptin (Sephacrose Bead Conjugate)

**Catalogue No.** MA1113-S

**Immunogen**

AP-1 adaptor from bovine brain.

**Lot No.** 08A12

**Purification**

**Clone:** IMD-113

Purified by the goat anti-mouse IgG affinity chromatography.

**Ig type:** mouse IgG2b

**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

Adaptins are important components of heterotetrameric adaptor complexes (APs) whose role is to promote the formation of clathrin-coated pits and vesicles. The AP-1 adaptor, localized at the trans-Golgi network, is composed of 2 approximately 100-kD subunits, beta-prime-adaptin and gamma-adaptin. The predicted 825-amino acid protein shares 99% identity with mouse gamma-adaptin. Northern blot analysis revealed that gamma-adaptin was expressed as a 7.5-kb transcript in all human tissues tested. Human gamma-adaptin gene (ADTG) is assigned to 16q23.

#### REFERENCE

Peyrard, M.; Parveneh, S.; Lagercrantz, S.; Ekman, M.; Fransson, I.; Sahlen, S.; Dumanski, J. P. : Cloning, expression pattern, and chromosomal assignment to 16q23 of the human gamma-adaptin gene (ADTG). *Genomics* 50: 275-280, 1998.

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