



## Product Information Sheet

### Monoclonal Anti-Filensin - conjugated to Magnetic Beads

**Catalogue No.** MA1041-M

**Immunogen**

Human and bovine lens filament enriched fraction (plasma membrane-cytoskeleton complex).

**Lot No.** 08A12

**Clone:** FIL-27

**Purification**

Purified by the goat anti-mouse IgG affinity chromatography.

**Ig type:** mouse IgG1

**Formulation**

**Size:** 200µl

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN<sub>3</sub>.

**Specificity**

Human.

No cross reactivity with other proteins.

**Storage**

Store at 4°C for frequent use.

**Recommended application**

*Immunoprecipitation(IP)*

**Description**

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

### BACKGROUND

Filensin,, **also known as** beaded filament structure protein 1, have two major component BFSP1 and BESP2. Filensin gene is mapped at 20p12.1-p11.23. The sequence of the predicted 665-amino acid human protein is 62% and 50% identical to those of bovine and chicken filensin, respectively. However, it has less than 26% identity to other members of the intermediate filament (IF) family.

### REFERENCE

1. Rendtorff, N. D.; Hansen, C.; Silaharoglu, A.; Henriksen, K. F.; Tommerup, N. : Isolation of the human beaded-filament structural protein 1 gene (BFSP1) and assignment to chromosome 20p11.23-p12.1. *Genomics* 53: 114-116, 1998.
2. Hess, J. F.; Casselman, J. T.; FitzGerald, P. G. : Chromosomal locations of the genes for the beaded filament proteins CP 115 and CP 47. *Curr. Eye Res.* 14: 11-18, 1995

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