



## Product Information Sheet

### Polyclonal Anti- Surfactant protein A, **SP-A (Magnetic Bead Conjugate)**

**Catalogue No.** PA1347-M

**Lot No.** 0131012014799

**Ig type** rabbit IgG

**Size** 100µg/vial

**Specificity**

Human, rat

No cross reactivity with other proteins.

**Recommended application**

ImmunoPrecipitation (IP)

**Immunogen**

A synthetic peptide corresponding to a sequence at the C-terminal of Human SP-A (221-236 aa), different from the rat sequence by two amino acids.

**Purity**

Immunogen affinity purified.

**Contents**

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

**Storage**

*Store at 4°C for frequent use.*

**Description**

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

## BACKGROUND

Surfactant protein A is an innate immune system collectin. The gene encoding SP-A map to mouse chromosome 14.<sup>1</sup> Surfactant protein-A, which plays a role in innate host defense in the lung, is also expressed in the Eustachian tube. We report that the frequency of specific surfactant protein-A haplotypes and genotypes differs between children with recurrent otitis media compared with a control population.<sup>2</sup>

## REFERENCE

- 1、 Moore, K. J., D'Amore-Bruno, M. A., Korfhagen, T. R., Glasser, S. W., Whitsett, J. A., Jenkins, N. A., Copeland, N. G. Chromosomal localization of three pulmonary surfactant protein genes in the mouse. *Genomics* 12: 388-393, 1992.
- 2、 Ramet, M., Lofgren, J., Albo, O.-P., Hallman, M. Surfactant protein-A gene locus associated with recurrent otitis media. *J. Pediat.* 138: 266-268, 2001.

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**Contact:** Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: [Info@antageneinc.com](mailto:Info@antageneinc.com)