



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

**Catalogue No.** PA1347-S

**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.

**Purification**

Immunogen affinity purified.

**Formulation**

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

**Storage**

Store at 4°C for frequent use.

**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

### BACKGROUND

Surfactant protein A is an innate immune system collectin. The gene encoding SP-A map to mouse chromosome 14.1 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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