



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 NaN₃.

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 14.¹Surfactant 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.²

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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