



Product Information Sheet

Polyclonal Anti- Connexin 32 (*Magnetic Bead Conjugate*)

Catalogue No. PA1367-M

Lot No. 0131112086727

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 middle region of human Connexin 32 (215-231aa), identical to the related mouse and rat sequence..

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

Connexins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells (Bergoffen et al., 1993). For a general discussion of connexin proteins, also known as Gap junction beta-1 protein. Gap junction beta-1 protein is a protein that in humans is encoded by the GJB1 gene. In melanocytic cells GJB1 gene expression may be regulated by MITF.

REFERENCE

1. Corcos IA, Lafreniere RG, Begy CR, Loch-Caruso R, Willard HF, Glover TW (Jul 1992). "Refined localization of human connexin32 gene locus, GJB1, to Xq13.1". *Genomics* 13 (2): 479–80.
2. Hoek KS, Schlegel NC, Eichhoff OM, et al. (2008). "Novel MITF targets identified using a two-step DNA microarray strategy". *Pigment Cell Melanoma Res.* 21 (6): 665–76.

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