



Product Information Sheet

Polyclonal Anti- Connexin 32

Catalogue No. PA1367

Lot No. 0131112086727

Ig type rabbit IgG

Size 100µg/vial

Specificity

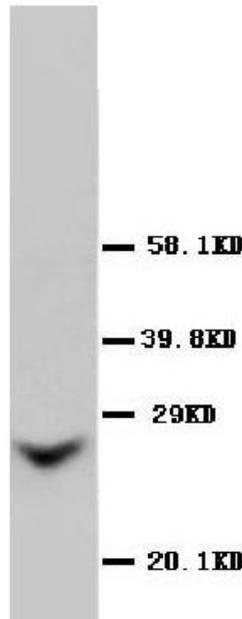
Human, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)



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.

Application

| | Concentration | Tested Species | Concluded Species | Antigen Retrieval |
|-------|---------------|----------------|-------------------|-------------------|
| WB | 1µg/ml | Hu, Rat | Ms | - |
| IHC-P | 1µg/ml | Hu, Rat | Ms | By Heat |
| IHC-F | - | - | - | - |
| ICC | - | - | - | - |

To reorder contact us at:

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Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

0.2ml of distilled water will yield reconstitution, at 4°C for one month. It can also be aliquotted and a concentration of 500µg/ml. stored frozen at -20°C for longer time.

Storage

At -20°C for one year. After

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.