

35-1583: Polyclonal Antibody to Connexin 43 (Ab-367)

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| Clonality : | Polyclonal |
| Application : | WB,IHC |
| Reactivity : | Human,Mouse,Rat |
| Gene : | GJA1 |
| Gene ID : | 2697 |
| Uniprot ID : | P17302 |
| Format : | Purified |
| Alternative Name : | CX43, CXA1, CXN-43, Connexin 43, GJA1 |
| Isotype : | Rabbit IgG |
| Immunogen Information : | Peptide sequence around aa. 365~369 (R-A-S-S-R) derived from Human Connexin 43. |

Description

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. May play a critical role in the physiology of hearing by participating in the recycling of potassium to the cochlear endolymph.

Product Info

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| Amount : | 50 μ l / 100 μ l |
| Content : | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage condition : | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Predicted MW: 43kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

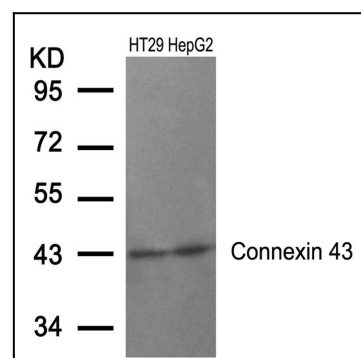


Figure 1: Western blot analysis of extracts from HT29 and HepG2 cells using Connexin 43(Ab-367) Antibody 35-1583 .

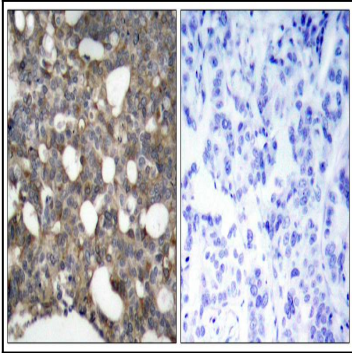


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Connexin 43(Ab-367) Antibody 35-1583 (left) or the same antibody preincubated with blocking peptide(right).