

## Antibodies Product Datasheet

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| <b>Product Name:</b>          | Connexin 43 (Phospho-Ser368) Antibody                                                                                                             |
| <b>Catalog Number:</b>        | A7048                                                                                                                                             |
| <b>Reactivity:</b>            | Human, Mouse, Rat                                                                                                                                 |
| <b>Applications:</b>          | WB, IHC-p, IF(paraffin section), ELISA                                                                                                            |
| <b>Dilutions:</b>             | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.<br>ELISA: 1/20000. Not yet tested in other applications.                       |
| <b>Modification:</b>          | Phospho Specific                                                                                                                                  |
| <b>Source:</b>                | Polyclonal Rabbit                                                                                                                                 |
| <b>Purification:</b>          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                             |
| <b>Immunogen:</b>             | The antiserum was produced against synthesized peptide derived from human Connexin 43 around the phosphorylation site of Ser367. AA range:332-381 |
| <b>Concentration:</b>         | 1 mg/ml                                                                                                                                           |
| <b>Gene Name:</b>             | GJA1                                                                                                                                              |
| <b>Protein Name:</b>          | Gap junction alpha-1 protein                                                                                                                      |
| <b>Other Name:</b>            | GJA1; GJAL; Gap junction alpha-1 protein; Connexin-43; Cx43; Gap junction 43 kDa heart protein                                                    |
| <b>Human Swiss Prot No.:</b>  | P17302                                                                                                                                            |
| <b>Formulation:</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                           |
| <b>Specificity:</b>           | Phospho-Connexin 43 (S368) Polyclonal Antibody detects endogenous levels of Connexin 43 protein only when phosphorylated at S368.                 |
| <b>Storage and Stability:</b> | -20°C/1 year                                                                                                                                      |