



Connexin 37 Monoclonal Antibody

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|--------------------|---|
| Catalog No | BYmab-17001 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | GJA4 |
| Protein Name | Gap junction alpha-4 protein |
| Immunogen | The antiserum was produced against synthesized peptide derived from human GJA4. AA range:81-130 |
| Specificity | Connexin 37 Monoclonal Antibody detects endogenous levels of Connexin 37 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | GJA4; Gap junction alpha-4 protein; Connexin-37; Cx37 |
| Observed Band | 37kD |
| Cell Pathway | Cell membrane; Multi-pass membrane protein. Cell junction, gap junction. |
| Tissue Specificity | Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium. |
| Function | function: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.,similarity:Belongs to the connexin family.,similarity:Belongs to the connexin family. Alpha-type (group II) subfamily.,subunit:A connexon is composed of a hexamer of connexins.,tissue specificity:Expressed in multiple organs and tissues, including heart, uterus, ovary, and blood vessel endothelium., |
| Background | This gene encodes a member of the connexin gene family. The encoded protein is a component of gap junctions, which are composed of arrays of intercellular channels that provide a route for the diffusion of low molecular weight materials |

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from cell to cell. Mutations in this gene have been associated with atherosclerosis and a higher risk of myocardial infarction. [provided by RefSeq, Jul 2008],

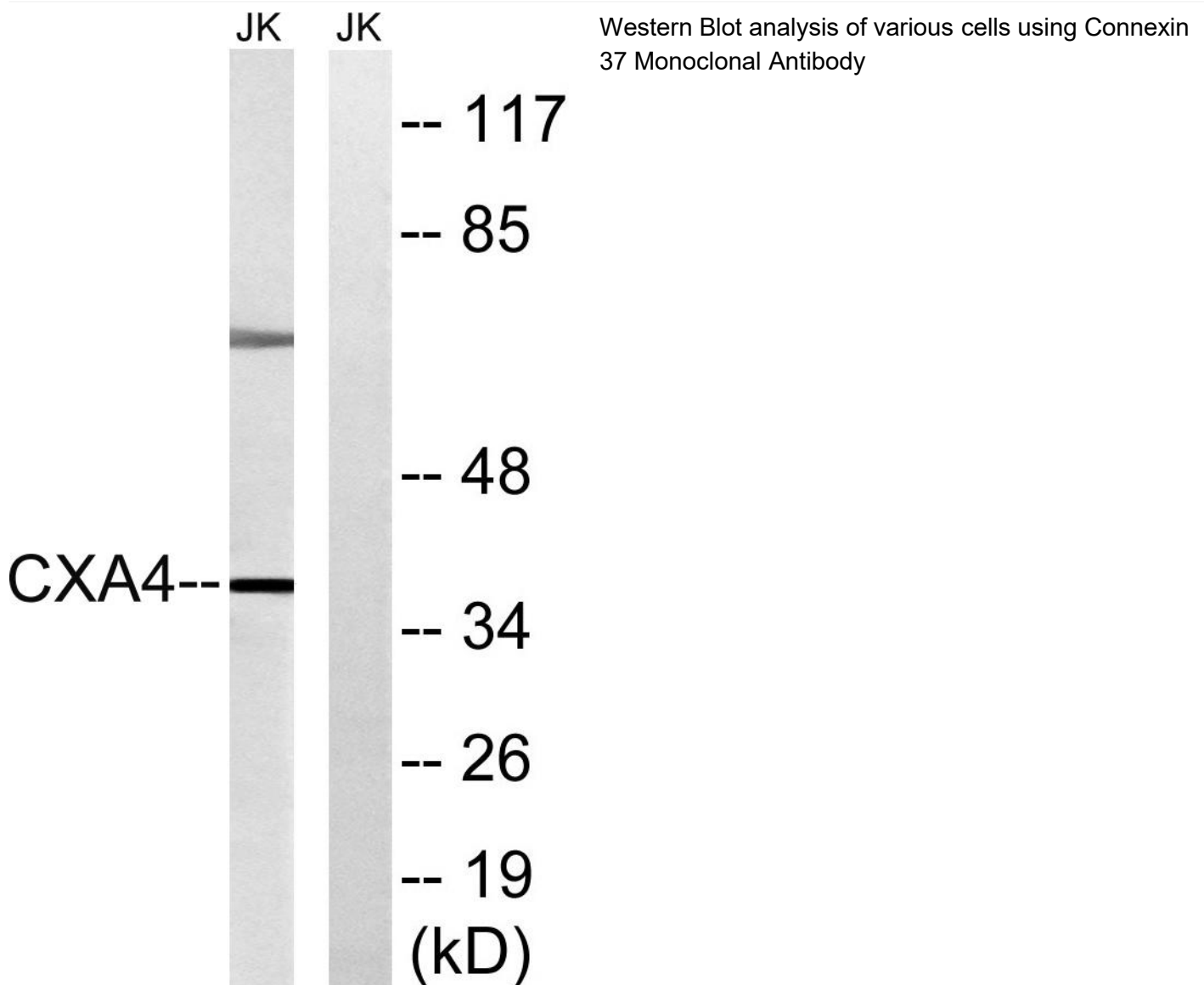
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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