



ITPR2 Mouse mAb

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| Catalog No | YP-mAb-18940 |
| Isotype | IgG |
| Reactivity | Human,Mouse,Rat |
| Applications | WB |
| Gene Name | |
| Protein Name | |
| Immunogen | Recombinant protein (or fragment).This information is considered to be commercially sensitive. |
| Specificity | |
| Formulation | |
| Source | Monoclonal,Mouse,IgG |
| Purification | Affinity purification |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | |
| Observed Band | |
| Calculated Molecular Weight | 308kDa |
| Cell Pathway | |
| Tissue Specificity | |
| Function | |
| Background | The protein encoded by this gene belongs to the inositol 1,4,5-triphosphate receptor family, whose members are second messenger intracellular calcium release channels. These proteins mediate a rise in cytoplasmic calcium in response to receptor activated production of inositol triphosphate. Inositol triphosphate receptor-mediated signaling is involved in many processes including cell migration, cell division, smooth muscle contraction, and neuronal signaling. This protein is a type 2 receptor that consists of a cytoplasmic amino terminus that binds inositol triphosphate, six membrane-spanning helices that contribute to the ion pore, and a short cytoplasmic carboxy-terminus. A mutation in this gene has been associated with anhidrosis, suggesting that intracellular calcium release mediated by this protein is required for eccrine sweat production. |

**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