Best Tools for immunology Research

# RRAD (PTR2260) mouse mAb

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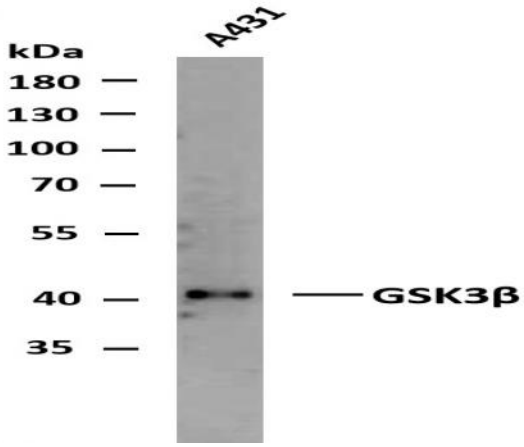
|---|---|
| **Catalog No :** | YM4693 |
| **Reactivity :** | Human; |
| **Applications :** | WB;IF;ELISA |
| **Target :** | RRAD |
| **Gene Name :** | RRAD RAD |
| **Protein Name :** | GTP-binding protein RAD (RAD1) (Ras associated with diabetes) |
| **Human Gene Id :** | 6236 |
| **Human Swiss Prot No :** | P55042 |
| **Mouse Swiss Prot No :** | O88667 |
| **Immunogen :** | Synthesized peptide derived from human protein. AA range: 1-100 |
| **Specificity :** | This antibody detects endogenous levels of RRAD protein. |
| **Formulation :** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |
| **Source :** | Mouse, Monoclonal/IgG1, kappa |
| **Dilution :** | WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000 |
| **Purification :** | Protein G |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Molecularweight :** | 33kD |
| **Observed Band :** | 33kD |

**Function :** May play an important role in cardiac antiarrhythmia via the strong suppression of voltage-gated L-type Ca(2+) currents. Regulates voltage-dependent L-type calcium channel subunit alpha-1C trafficking to the cell membrane (By similarity). Inhibits cardiac hypertrophy through the calmodulin-dependent kinase II (CaMKII) pathway. Inhibits phosphorylation and activation of CAMK2D.

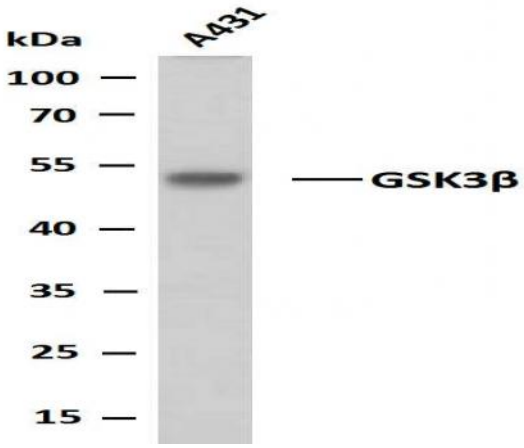
**Subcellular Location :** Membranous

**Expression :** Most abundantly expressed in the heart. Also found in the skeletal muscle and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.

## Products Images




Whole cell lysates of A431 were separated by 10% SDS-PAGE, and the membrane was blotted with anti-GSK3β(PTR2553) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: A431

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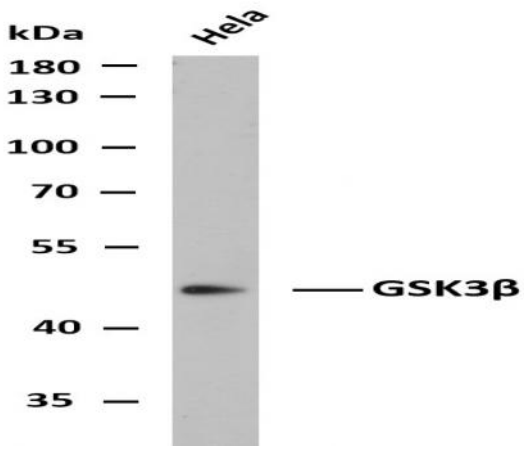


Whole cell lysates of Hela were separated by 10% SDS-PAGE, and the membrane was blotted with anti-GSK3β(PTR2553) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela