

RAD (PTR2260) Mouse mAb

CatalogNo: YM4693 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IF,ELISA

MW

- 33kD (Calculated)
- 33kD (Observed)

Isotype

- IgG1,Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

WB 1:500-2000**IF 1:100-500****ELISA 1:1000-5000**

Basic Information

Clonality Monoclonal**Clone Number** PTR2260

Immunogen Information

Immunogen Synthesized peptide derived from human protein. AA range: 1-100**Specificity** This antibody detects endogenous levels of RRAD protein.

| Target Information

Gene name RRAD RAD

Protein Name GTP-binding protein RAD (RAD1) (Ras associated with diabetes)

Organism	Gene ID	UniProt ID
Human	6236 ;	P55042 ;
Mouse		O88667 ;

Cellular Localization Membranous

Tissue specificity 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.

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.

| Validation Data

| Contact information

Orders: order@immunoway.com
Support: tech@immunoway.com
Telephone: 877-594-3616 (Toll Free), 408-747-0185
Website: <http://www.immunoway.com>
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
RAD (PTR2260)
Mouse mAb

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