

RAC-GTP

Anti-Rac1GTP Mouse Monoclonal Antibody

Cat. #: 26903

Size: 30 μ L

Gene Symbol: RAC1

Description: Anti-Rac1-GTP Mouse Monoclonal Antibody

Background: Small GTPases are a super-family of cellular signaling regulators. Rac belongs to the Rho sub-family of GTPases that regulate cell motility, cell division, and gene transcription. GTP binding increases the activity of Rac, and the hydrolysis of GTP to GDP renders it inactive. GTP hydrolysis is aided by GTPase activating proteins (GAPs), while exchange of GDP for GTP is facilitated by guanine nucleotide exchange factors (GEFs).

Immunogen: Recombinant full length protein of active Rac1

Applications: IP, IHC and IF (**Not applicable for WB since SDS denatures the RacGTPase**)

Published Applications: IF, IHC [Click for Details - Part 01](#) [Part 02](#)

Recommended Dilutions:

IP: 1 μ g for 1~2 mg total cellular proteins

IHC, IF: 1:50-1:250

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgM

Purity: Purified from ascites

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-Rac1-GTP monoclonal antibody recognizes active Rac1 from vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
