## Wuhan NewEast Biosciences Co.Ltd



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## Rac1

Catalog Number: 26005 Gene Symbol: RAC1

**Description:** Anti-Rac1 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. In mammals, there are three Rac genes: Rac1, Rac2 and Rac3. 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

Rac1

Tested applications: ELISA, WB, IHC

**Recommended dilutions:** 

ELISA 1:1000-1:5000 WB 1:1000-1:2000

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

**Isotype:** IgG

Purity: Purified from ascites

**Format:** Liquid **Storage buffer:** Preservative: no

Constituents: PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH

7.4, 150 mM NaCl, 50% glycerol

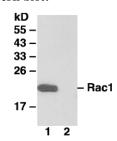
Species Reactivity: Rac1 antibody recognizes

Rac1 from vertebrates.

Storage Conditions: Store at -20°C. Avoid

freeze / thaw cycles

## Western blot:



Western blot analysis of Rac1 proteins. MEF whole-cell lysate was used for western blots. The monoclonal anti-Rac1 antibody was pre-incubated without (lane 1) or with (lane 2) the antigen protein (Rac1) to show the specificity.