

RAS MAB

Ras Monoclonal Antibody

Cat. #: 26014

Gene Symbol: RAS

Description: Anti-Ras Mouse Monoclonal Antibody

Background: Small GTPases are a super-family of cellular signaling regulators. Ras belongs to the Ras sub-family of GTPases that regulate cell proliferation, cell motility, and gene transcription. GTP binding increases the activity of Ras, 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 Ras

Applications: ELISA, WB, IHC

Recommended Dilutions: ELISA 1:100–1:5000

WB 1:100–1:2000

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Preservative: No

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

Species Reactivity: Ras antibody recognizes H-Ras, N-Ras and K-Ras from vertebrates.

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

Western blot:

Western blot:

kDa

26—

17—



—Ras

WB: anti-Ras mAb

Western blot analysis of Ras proteins. MEF whole-cell lysate was used for western blot with the monoclonal anti-Ras antibody (cat. # 26014).