

Ras (Q61H)

Catalog Number: 26195

Gene Symbol: RAS

Description: Anti-Ras (Q61H) Mouse Monoclonal Antibody

Background: Ras protein is a membrane-associated GTPase signaling protein that regulates proliferation, differentiation, and cell survival. Ras Q61H mutation result in decreased GTPase activity and constitutive signaling, and is correlated with the development of pancreatic intraepithelial neoplasia and lung lesions.

Immunogen: A synthetic peptide from the internal region of Ras which includes the mutation of Q61H, human origin

Tested applications: ELISA, WB, IHC

Recommended dilutions:

ELISA 1:100-1:5000

WB 1:100-1:2000

IHC 1:100-1:500

Concentration: 2 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: Unknown

Purity: Purified from ascites

Format: Liquid

Storage buffer:

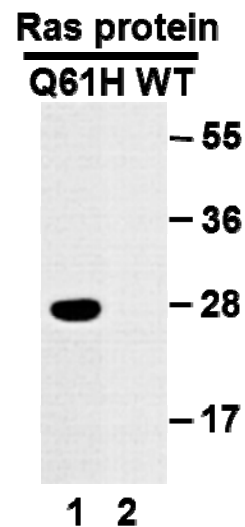
Preservative: no

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

Species Reactivity: Recognizes RAS (Q61H) mutated, but not wild-type Ras proteins. proteins of vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles

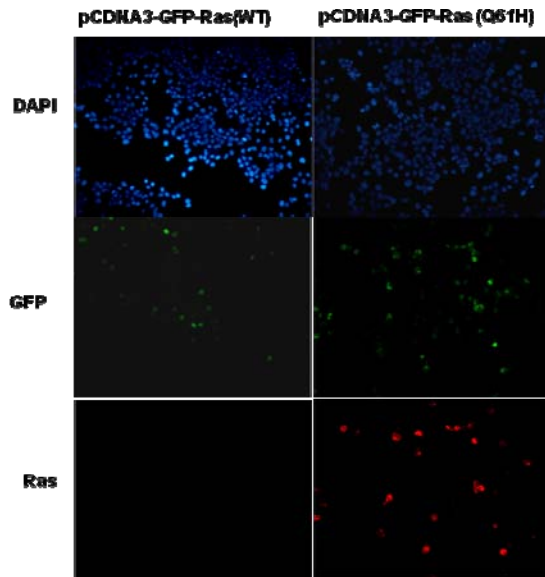
Western blot:



WB: Anti-Ras (Q61H) mAb

Western blot analysis of recombinant Ras WT and Q61H proteins. Equal amount of purified Ras Q61H (lane 1) and corresponding wild type protein (lane 2) were loaded and blotted with anti-Ras Q61H mouse monoclonal antibody (Cat. #26195).

Immunofluorescence:



Immunofluorescence of cells expressing Ras (Q61H) protein with anti-Ras (Q61H) antibody. HEK293T cells were transfected with pCDNA3-GFP-Ras (WT) plasmid (left column) or pCDNA3-GFP-Ras (Q61H) plasmid (right column), then fixed and stained with anti-Ras (Q61H) monoclonal antibody (Cat. #26195).