

## Ras (Q61L)

**Catalog Number:** 26193

**Gene Symbol:** RAS (Q61L)

**Description:** Anti-Ras (Q61L) Mouse Monoclonal Antibody

**Background:** Ras (Q61L) is one type of Ras missense mutations at codon 61, Ras protein is a membrane-associated GTPase signaling protein that regulates proliferation, differentiation, and cell survival. Ras Q61L 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 Q61L, human origin.

**Tested applications:** ELISA, WB, IHC

**Recommended dilutions:**

ELISA 1:100-1:5000

WB 1:100-1:1000

IHC 1:50-1:100

**Concentration:** 1 mg/ml

**Host:** mouse

**Clonality:** Monoclonal

**Isotype:** IgG

**Purity:** Purified from ascites

**Format:** Liquid

**Storage buffer:**

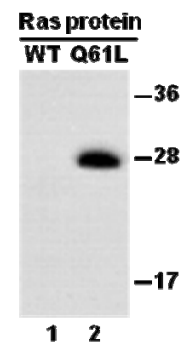
Preservative: no

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

**Species Reactivity:** Recognizes Ras (Q61L), but not wild type Ras protein from vertebrates.

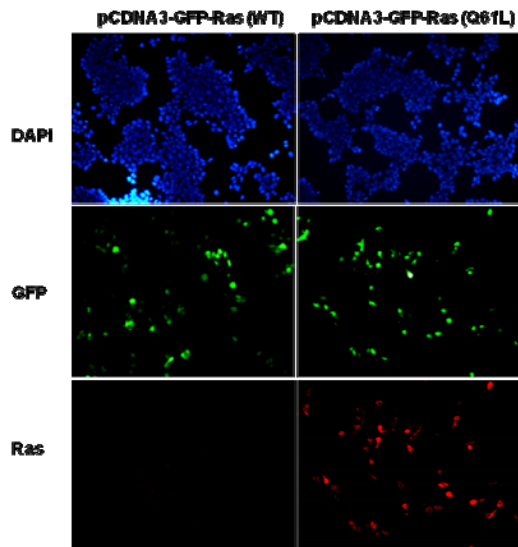
**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid freeze / thaw cycles

**Western blot:**



**WB: Anti-Ras (Q61L) mAb**  
**Western blot analysis of recombinant Ras WT and Q61L proteins.** Equal amount of purified Ras WT and Q61L proteins were loaded and blotted with anti-Ras Q61L mouse monoclonal antibody (Cat. # 26193).

### Immunofluorescence



#### **Immunofluorescence of cells expressing Ras proteins with anti-Ras (Q61L) antibody.**

HEK293T cells were transfected with pCDNA3-GFP-Ras (WT) plasmid (left column) or pCDNA3-GFP-Ras (Q61L) plasmid (right column), then fixed and stained with anti-Ras (Q61L) monoclonal antibody (Cat. #26193).