

## Anti-Ras Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

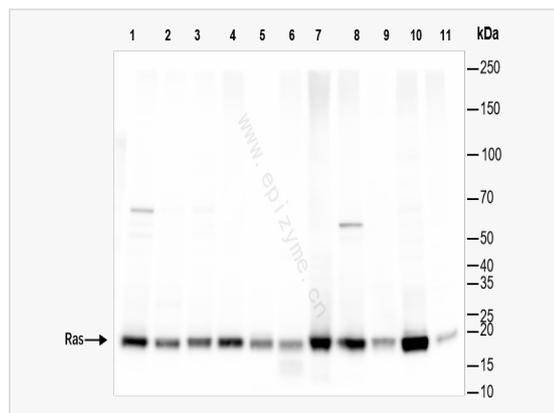
Catalog # R013932

### Product Information

Application	ELISA, WB
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:10,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	31L40H65
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Ras
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Ras Rabbit mAb [31L40H65] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	GTPase HRas, GTPase KRas, GTPase NRas, H-Ras-1, HAMSIV, HRAS, HRAS1, K-RAS, N-RAS, NRAS, p21ras, RASH1, RASK2, Transforming protein p21.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 18 kDa
Uniprot ID	P01111
Background	HRas a small GTPase protein of the Ras family. Alternates between an inactive form bound to GDP and an active form bound to GTP. Activated by a guanine nucleotide-exchange factor (GEF) and inactivated by a GTPase-activating protein (GAP). Mutations are implicated in a variety of human tumors.



Western Blot - Anti-Ras Rabbit mAb [31L40H65]

All lanes: R013932 at 1:10,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 6: Rat small intestine whole tissue lysates

Lane 7: Rat kidney whole tissue lysates

Lane 8: Rat spleen whole tissue lysates

Lane 9: Mouse heart whole tissue lysates

Lane 10: Mouse brain whole tissue lysates

Lane 11: Mouse muscle whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at

1:5,000 dilution

Predicted band size: 21 kDa

Observed band size: 18 kDa

Developed using the ECL technique (Cat. No. SQ201).