

## Anti-RING2/RNF2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

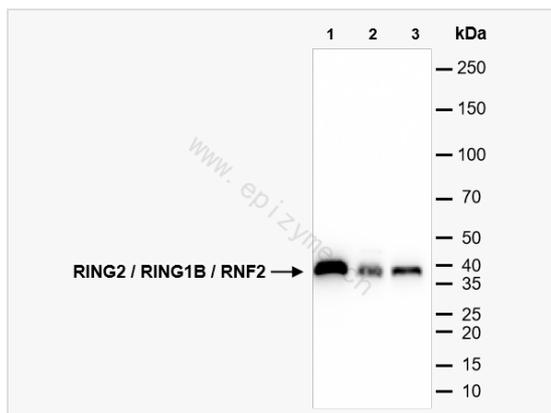
Catalog # R014437

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	45R44J43
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human RING2 / RING1B / RNF2
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-RING2/RNF2 Rabbit mAb [11K84M20] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	BAP 1, BAP1, DING, DinG protein, E3 ubiquitin protein ligase RING 2, E3 ubiquitin protein ligase RING2, E3 ubiquitin-protein ligase RING2, HIP2 interacting protein 3, HIP2-interacting protein 3, HIPI 3, HIPI3, Huntingtin interacting protein 2 interacting protein 3, Huntingtin-interacting protein 2-interacting protein 3, OTTHUMP00000060668, Polycomb M33 interacting protein Ring 1B, Polycomb M33 interacting protein Ring1B, Protein DinG, RING 1B, RING 2, RING finger protein 1B, RING finger protein 2, RING finger protein BAP 1, RING finger protein BAP-1, RING finger protein BAP1, RING1b, RING2_HUMAN, RNF 2, Rnf2.
Calculated MW	Calculated MW: 38 kDa; Observed MW: 38 kDa
Uniprot ID	Q99496
Gene ID	6045
Background	E3 ubiquitin-protein ligase that mediates monoubiquitination of 'Lys-119' of histone H2A, thereby playing a central role in histone code and gene regulation. H2A 'Lys-119' ubiquitination gives a specific tag for epigenetic transcriptional repression and participates in X chromosome inactivation of female mammals.
Cellular Location	Nucleus. Chromosome. Enriched on inactive X chromosome (Xi) in female trophoblast stem (TS) cells as well as differentiating embryonic stem (ES) cells. The enrichment on Xi is transient during TS and ES cell differentiation. The association with Xi is mitotically stable in non-differentiated TS cells.



Western Blot - Anti-RING2/RNF2 Rabbit mAb [11K84M20]

All lanes: R014437 at 1:1,000 dilution

Lane 1: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lane 3: Rat spleen 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: 38 kDa

Observed band size: 38 kDa

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