

## RING1 Rabbit mAb

Catalog No: #56593

Package Size: #56593-1 50ul #56593-2 100ul

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## Description

Product Name	RING1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	RING1 Antibody detects endogenous levels of total RING1
Immunogen Description	A synthesized peptide derived from human RING1
Conjugates	Unconjugated
Other Names	Ring1A; Ring1; RING1A; Rnf1;
Accession No.	Uniprot:Q06587
Calculated MW	42kDa
SDS-PAGE MW	50kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

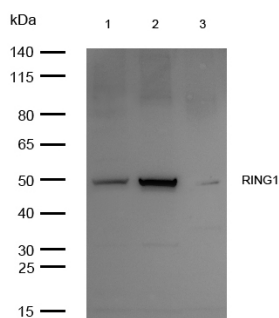
## Application Details

WB:1:500~1:2000

IHC:1:50~1:200

ICC/IF:1:50~1:200

## Images



All lanes: RING1 Rabbit mAb at 1/1k dilution

Lane 1 : Ramos whole cell lysates Lane 2 : JK whole cell lysates Lane 3 : SH-SY5Y whole cell lysates  
Lysates/proteins at 20 µg per lane.

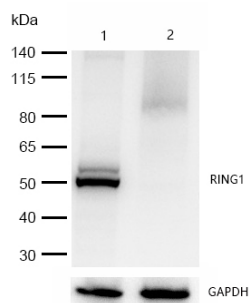
Secondary

All lanes : Goat Anti-Rabbit IgG H&amp;L (HRP) at 1/20000 dilution

Predicted band size: 42 kDa

Observed band size: 50 kDa

Exposure time: 7 seconds

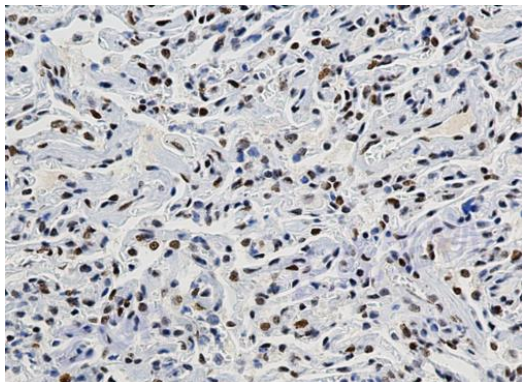


All lanes: RING1 Rabbit mAb at 1/1k dilution

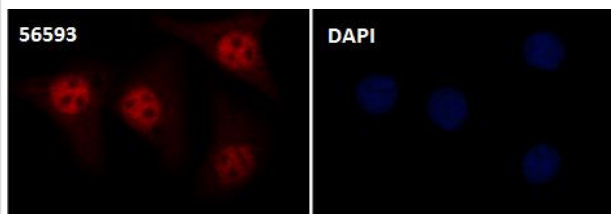
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : RING1 knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung tissue stained for RING1 using 56593 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence RING1 antibody (56593) ICC/IF staining of RING1 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56593 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

## Product Description

Constitutes one of the E3 ubiquitin-protein ligases that mediate 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.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.