

## mTOR Rabbit mAb (AR1936)

### Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	289kDa (Calculated) 260kDa (Observed)

### Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

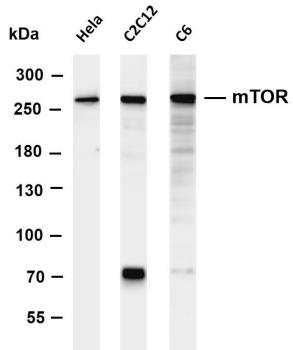
Gene name	MTOR
Protein Name	Serine/threonine-protein kinase mTOR

Organism	Gene ID	UniProt ID
Human	2475	P42345
Mouse	56717	Q9JLN9
Rat	56718	P42346

Cellular Localization	Cytoplasm
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Tissue specificity	Expressed in numerous tissues, with highest levels in testis.
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## Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-mTOR antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

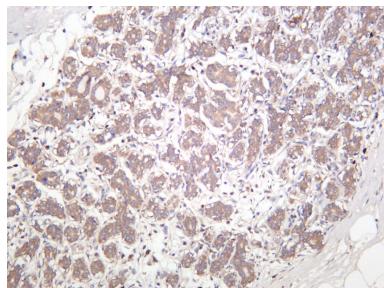
Lane 1: HeLa

Lane 2: C2C12

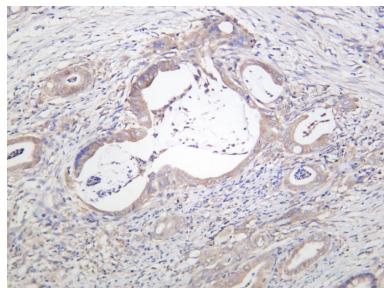
Lane 3: C6

Predicted band size: 289kDa

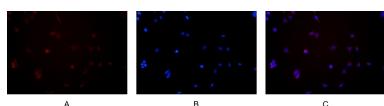
Observed band size: 260kDa



Human breast carcinoma was stained with anti-mTOR rabbit antibody.



Human colon carcinoma was stained with anti-mTOR rabbit antibody.



Immunofluorescence analysis of HEK293.

Picture A: mTOR antibody (red).

Picture B: DAPI (blue).

Picture C: Merge of A+B

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