

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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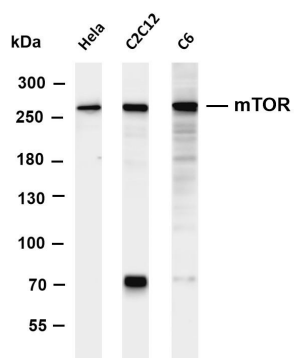
Target Information

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
Tissue specificity	Expressed in numerous tissues, with highest levels in testis.

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.

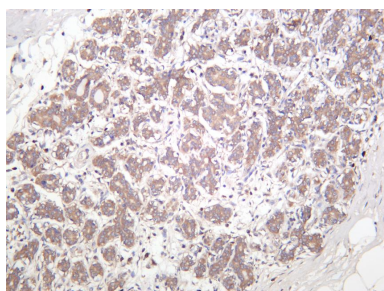
Lane 1: HeLa

Lane 2: C2C12

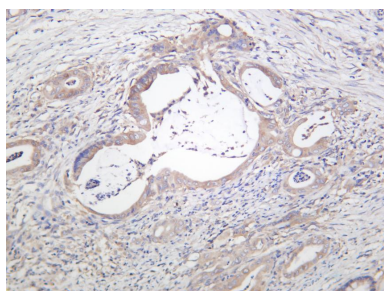
Lane 3: C6

Predicted band size: 289kDa

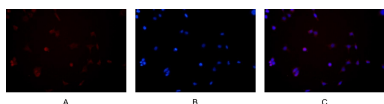
Observed band size: 260kDa



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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