

Recombinant mTOR Monoclonal Antibody

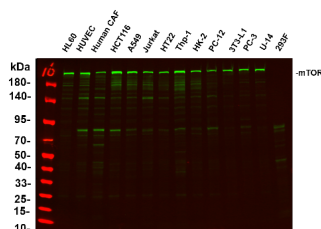
catalog number: **AN301363L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

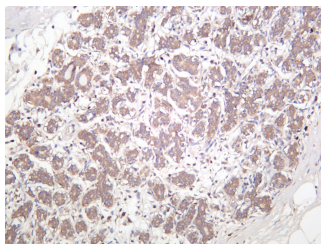
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human mTOR protein
Host	Rabbit
Isotype	IgG, κ
Clone	B1130
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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

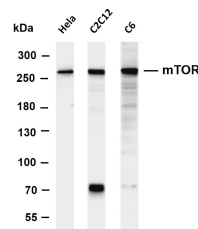
Data



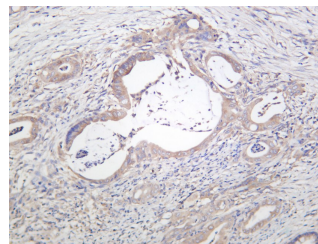
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14 Lane14: 293F. Predicted band size: 289kDa Observed band size: 289kDa



Human breast carcinoma was stained with anti-mTOR rabbit antibody

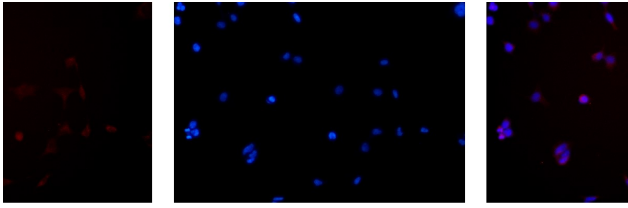


Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-mTOR antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: C2C12 Lane 4: C6 Predicted band size: 289kDa Observed band size: 260kDa



Human colon carcinoma was stained with anti-mTOR rabbit antibody

For Research Use Only



A B C
Immunofluorescence analysis of HEK293. Picture A:
mTOR antibody (red). Picture B: DAPI (blue). Picture C:
Merge of A+B

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by this gene belongs to a family of phosphatidylinositol kinase-related kinases. These kinases mediate cellular responses to stresses such as DNA damage and nutrient deprivation. This protein acts as the target for the cell-cycle arrest and immunosuppressive effects of the FKBP12-rapamycin complex. The ANGPTL7 gene is located in an intron of this gene.