

KD-Validated Anti-Phospho-mTOR (S2481) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

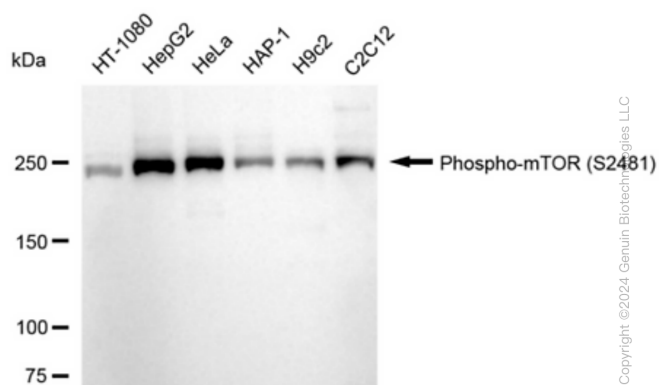
ABG1600

Product Overview

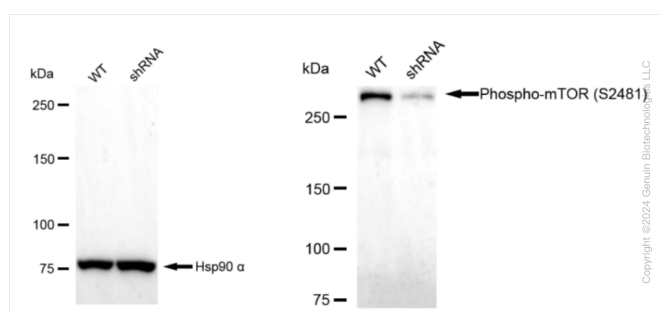
Name	KD-Validated Anti-Phospho-mTOR (S2481) Rabbit Monoclonal Antibody
Accession(Primary)	P42345
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-mTOR (S2481)
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 289 kDa , observed , 289 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P42345)

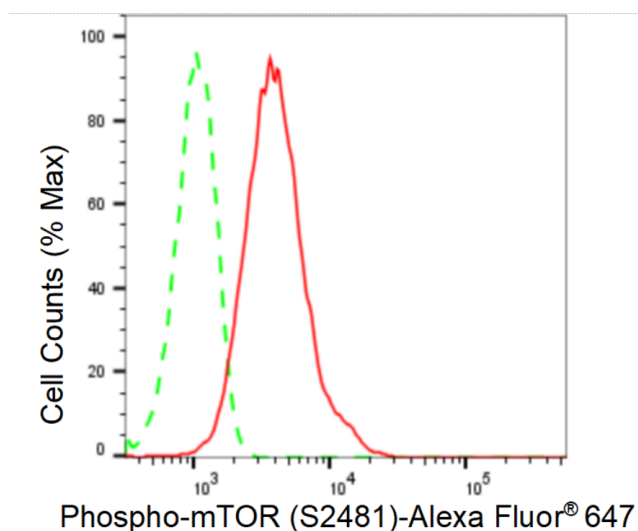
Gene Name	MTOR
About Gene Symbol	MTOR (Mechanistic Target Of Rapamycin Kinase) is a serine/threonine protein kinase involved in mTOR/PI3K/Akt signaling. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellu



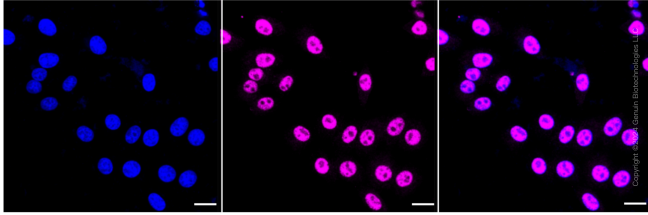
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Immunocytochemical staining of HepG2 cells with anti-Phospho-mTOR (S2481) antibody (Cat#ABG1600, 1:1,000). Nuclei were stained blue with DAPI; Phospho-mTOR (S2481) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.