BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-mTOR Rabbit Monoclonal Antibody

Catalog Number: M00003-5

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Overview

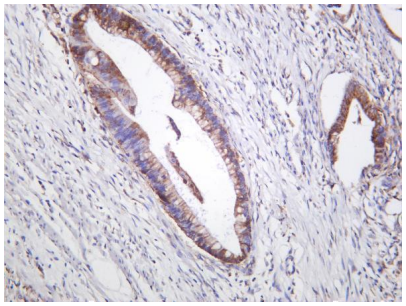
Product Name	Anti-mTOR Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	The antibody detects endogenous levels of mTOR protein only when phosphorylated at Ser2448. The antibody does not cross-react with mTOR phosphorylated at other sites. Validated for research with WB,IHC,IF,IP,ELISA applications. Anti mTOR is reactive for Human, Mouse, Rat samples
Application	ELISA, IP, IF, IHC, WB
Clonality	Monoclonal
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% stabilizing protein This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C/1 year
Host	Rabbit
Uniprot ID	P42345

Technical Details

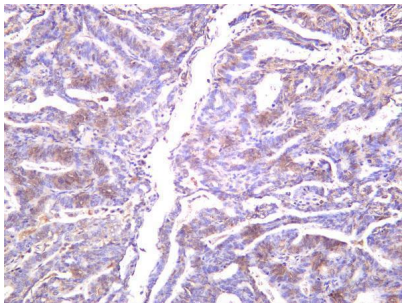
Isotype	IgG, Kappa
Purification	Protein A
Suggested Dilutions	IHC 1:500-1:2000 WB 1:2000-1:10000 IF 1:200-1:1000 ELISA 1:5000-1:20000 IP 1:50-1:200

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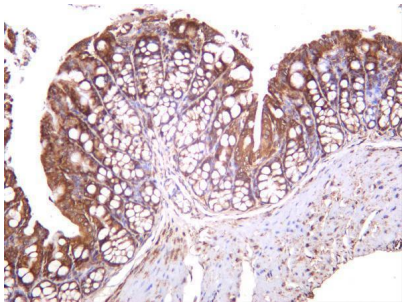
Anti-mTOR Rabbit Monoclonal Antibody (M00003-5) Images



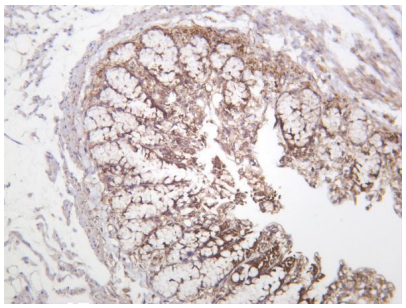
Human colon carcinoma was stained with anti-mTOR (phospho Ser2448) rabbit antibody



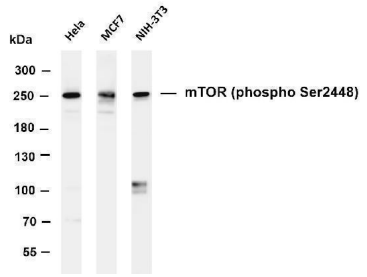
Human endometrium carcinoma was stained with anti-mTOR (phospho Ser2448) rabbit antibody



Mouse colon was stained with anti-mTOR (phospho Ser2448) rabbit antibody



Rat colon was stained with anti-mTOR (phospho Ser2448) rabbit antibody



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-mTOR (phospho Ser2448) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: MCF7 Lane 3: NIH-3T3 Predicted band size: 289kDa Observed band size: 250kDa

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