Product Datasheet

TOR/mTOR [p Ser2448] Antibody (1G6) - BSA Free
NBP3-26406-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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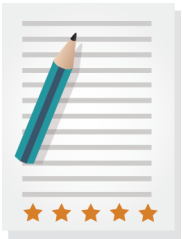
Updated 7/30/2025 v.20.1



NBP3-26406-100ul

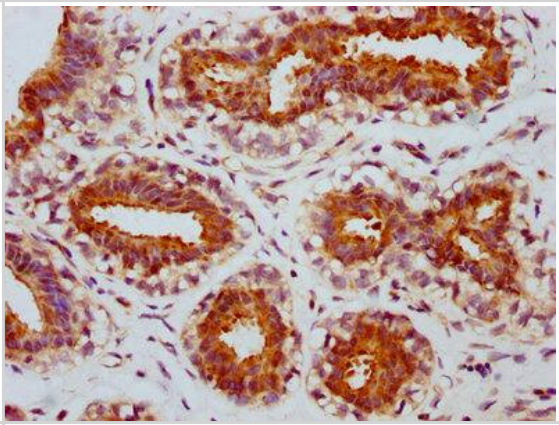
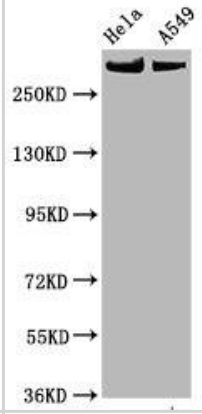
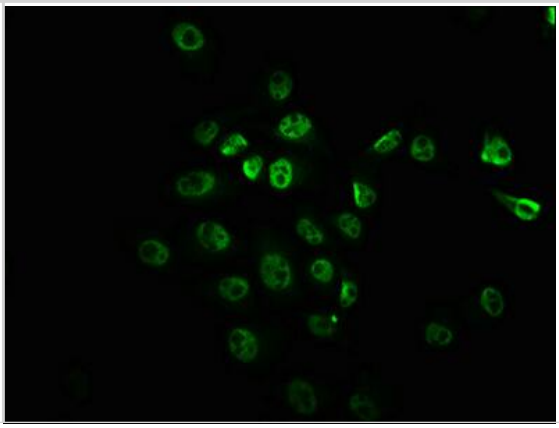
TOR/mTOR [p Ser2448] Antibody (1G6) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description	
Host	Rabbit
Gene ID	2475
Gene Symbol	MTOR
Species	Human
Immunogen	A synthesized peptide derived from Human TOR/mTOR [p Ser2448] [UniProt P42345]

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

Images

Immunohistochemistry: TOR/mTOR [p Ser2448] Antibody (1G6) [NBP3-26406] - Image of TOR/mTOR [p Ser2448] Antibody (1G6) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.	
Western Blot: TOR/mTOR [p Ser2448] Antibody (1G6) [NBP3-26406] - Positive Western Blot detected in Hela whole cell lysate, A549 whole cell lysate. All lanes: TOR/mTOR [p Ser2448] Antibody at 0.825ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 289 KDa Observed band size: 289 KDa	
Immunocytochemistry/Immunofluorescence: TOR/mTOR [p Ser2448] Antibody (1G6) [NBP3-26406] - Staining of Hela cells with TOR/mTOR [p Ser2448] Antibody (1G6) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).	

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Products Related to NBP3-26406-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002475-Q01-10ug	Recombinant Human TOR/mTOR GST (N-Term) Protein

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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