

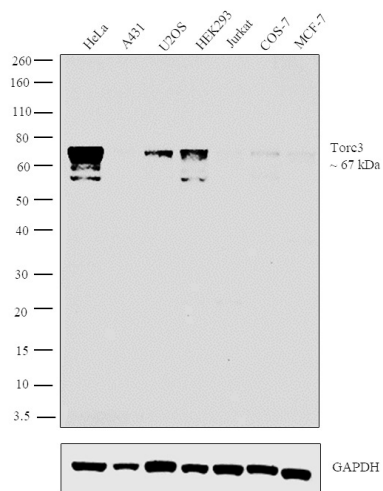
Torc3 Monoclonal Antibody (R.185.4)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotope	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	R.185.4
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to the sequence of human TORC3 (CRTC3) protein
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	<0.02% sodium azide
Storage Conditions	-20°C
RRID	AB_10979546

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1:200	
Immunofluorescence (IF)	✓	1:200	
Western Blot (WB)	✓	1:1000	

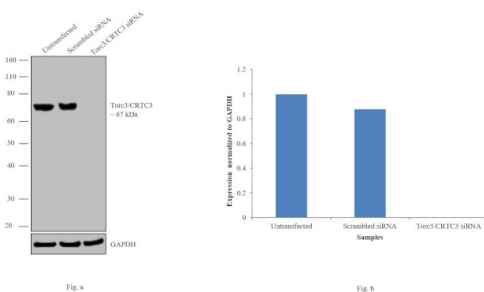
Product Specific Information

It is not recommended to aliquot this antibody.



Torc3 Antibody (MA5-14919)

Antibody specificity was demonstrated by detection of differential basal expression of the target in cell lines owing to their inherent genetic constitution. Differential basal expression of Torc3 was observed in HeLa, U2OS and HEK293 when compared to other cell lines which are reported to have low levels of Torc3 expression using product (Product # MA5-14919) in western blot. Relative expression validation info.

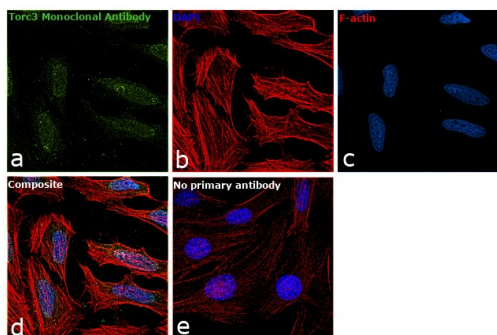


Torc3 Antibody (MA5-14919)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. U-2 OS cells were transfected with Torc3 siRNA and reduction of signal was observed in Western Blot using Torc3 Monoclonal Antibody (R.185.4) (Product # MA5-14919). KnockDown validation info.

Product Images For Torc3 Monoclonal Antibody (R.185.4)

Torc3 Antibody (MA5-14919) in IF



Immunofluorescence analysis of Torc3 was performed using 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with anti-Torc3 Rabbit Monoclonal Antibody (Product # MA5-14919) at 1:200 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing predominantly Nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

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