

CRTC3 Monoclonal Antibody (5G9)

Catalog NumberMA5-15812

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Non-human primate
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	ELISA (ELISA)	1:10,000
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000
Clone	5G9	Western Blot (WB)	1:500-1:2,000
Immunogen	Purified recombinant fragment of human CRTC3 expressed in E. Coli.	Immunocytochemistry (ICC/IF)	1:200-1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	Conc. Not Determined		
Storage buffer	ascites		
Contains	0.03% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

**Product specific information**

MA5-15812 targets CRTC3 in indirect ELISA, IF, IHC, and WB applications and shows reactivity with Human and Non-human primate samples. The MA5-15812 immunogen is purified recombinant fragment of human CRTC3 expressed in E. Coli. MA5-15812 detects CRTC3 which has a predicted molecular weight of approximately 68kDa.

**Background/Target Information**

The protein encoded by this gene has similarity to a yeast protein. It seems to be part of a peripheral membrane protein complex localized on cis/medial Golgi cisternae where it may participate in tethering intra-Golgi transport vesicles.

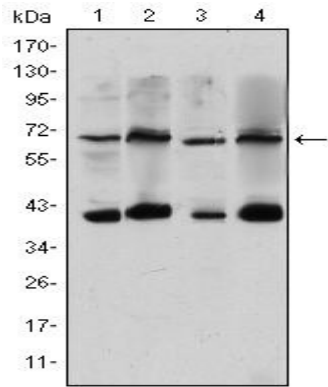
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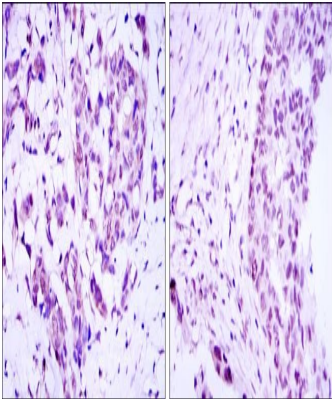
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Product Images For CRT3 Monoclonal Antibody (5G9)



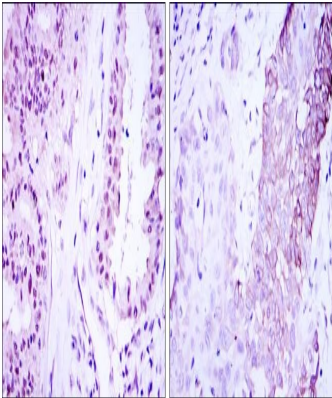
**CRT3 Antibody (MA5-15812) in WB**

Western blot analysis of CRT3 using CRT3 monoclonal antibody (Product # MA5-15812) in HeLa (1), Jurkat (2), COS-7 (3) and MCF-7 (4) cell lysate.



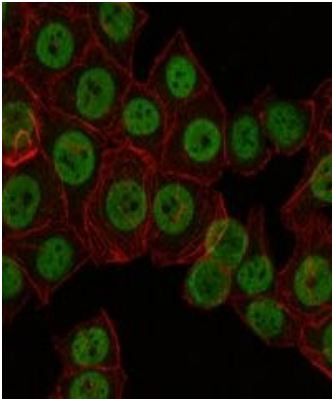
**CRT3 Antibody (MA5-15812) in IHC (P)**

Immunohistochemical analysis of paraffin-embedded breast cancer (left) and ovarian cancer (right) using CRT3 monoclonal antibody (Product # MA5-15812) followed with DAB staining.



**CRT3 Antibody (MA5-15812) in IHC (P)**

Immunohistochemical analysis of paraffin-embedded lung cancer (left) and esophagus cancer (right) using CRT3 monoclonal antibody (Product # MA5-15812) followed with DAB staining.



**CRT3 Antibody (MA5-15812) in ICC/IF**

Immunofluorescence analysis of NTERA-2 cells using CRT3 monoclonal antibody (Product # MA5-15812) (Green). Red: actin filaments have been labeled with phalloidin.

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