

Product Datasheet

MARK3 Recombinant Rabbit Monoclonal Antibody (orb704310)

Catalog Number	orb704310
Category	Antibodies
Description	MARK3 Recombinant Rabbit Monoclonal Antibody
Target	MARK3
Clonality	Recombinant
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	Recombinant human MARK3 protein (600-750aa)
UniProt ID	P27448
MW	84 kDa

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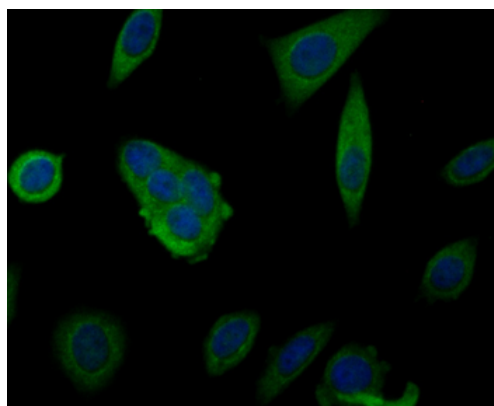
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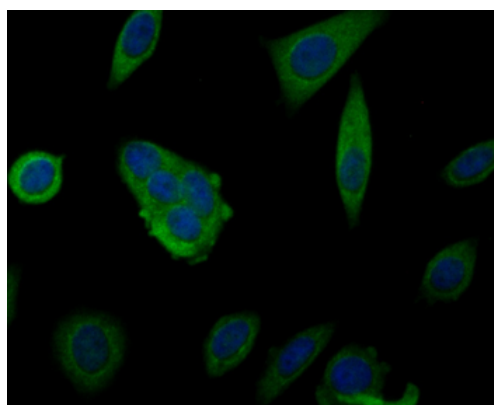
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Tested applications	ICC, IF, IHC-Fr, IHC-P
Dilution range	IHC-P=1:50-200, IHC-F=1:50-200, ICC/IF=1:50-500, IF=1:50-200
Antibody Type	Primary Antibody
Clone Number	B4H9
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunocytochemistry staining MARK3 in MCF-7 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with MARK3 monoclonal antibody at a dilution of 1:100 for 1 hour at room temperature, washed with PBS. Alexa Fluor™ 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



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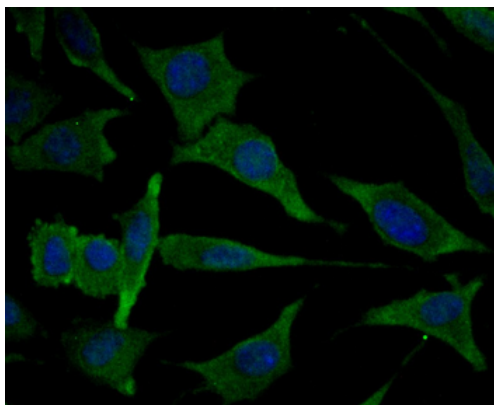
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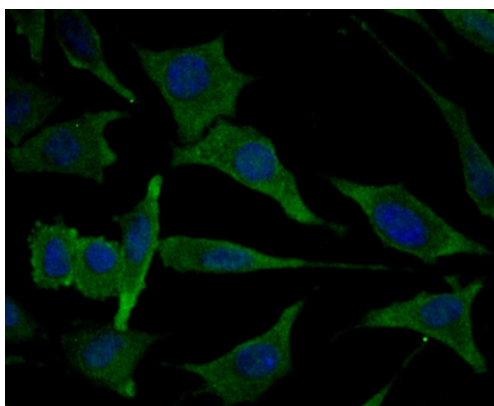
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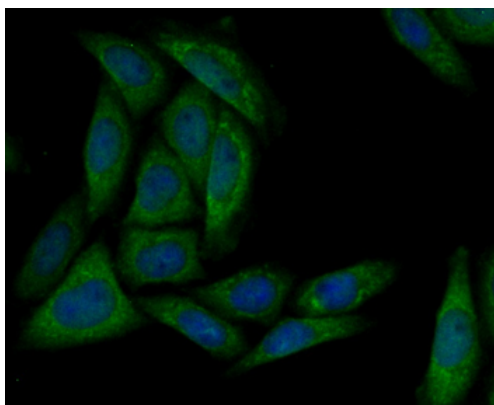
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Immunocytochemistry staining MARK3 in SH-SY5Y cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with MARK3 monoclonal antibody at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor™ 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).



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Immunocytochemistry staining MARK3 in SiHa cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with MARK3 monoclonal antibody at a dilution of 1:50 for 1 hour at room temperature, washed with PBS. Alexa Fluor™ 488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/100 dilution. The nuclear counter stain is DAPI (blue).

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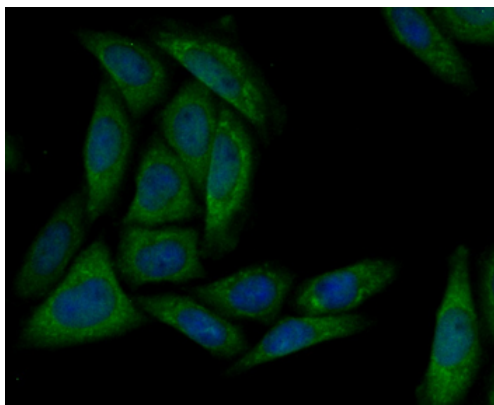
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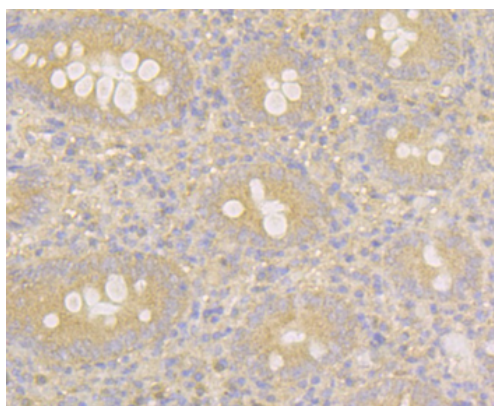
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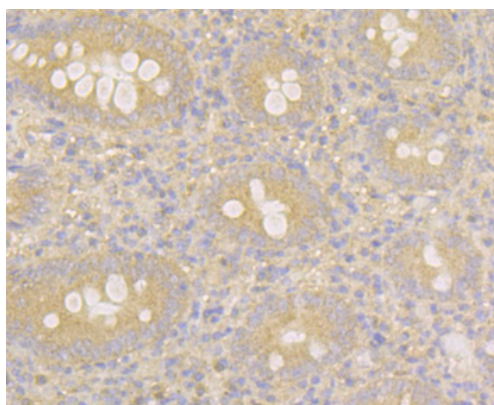
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Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-MARK3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the antibody (orb704310) at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



Immunohistochemical analysis of paraffin-embedded human appendix tissue using anti-MARK3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the antibody (orb704310) at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.

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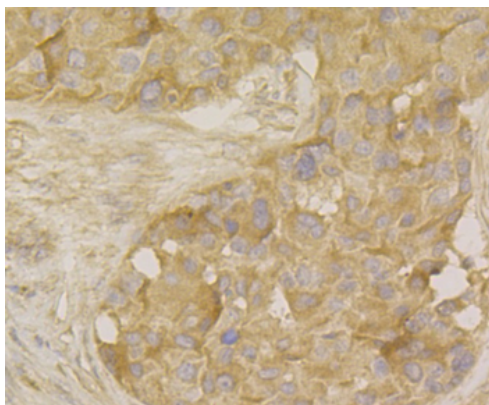
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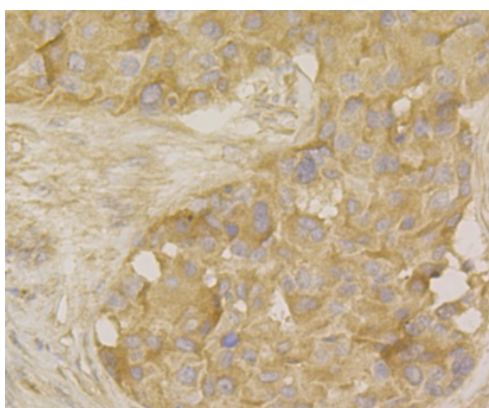
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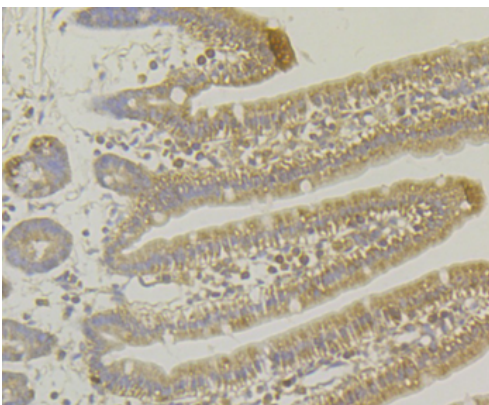
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Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-MARK3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody (orb704310) at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



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Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-MARK3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody (orb704310) at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.

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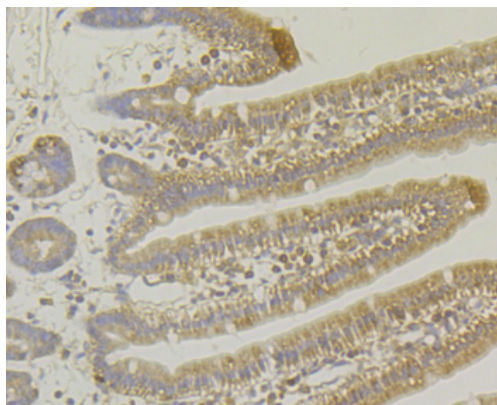
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Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue using anti-MARK3 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the antibody (orb704310) at 1/100 dilution, for 30 minutes at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.

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