

## Product Datasheet

### Cystatin C Antibody (orb1335109)

<b>Description</b>	Mouse monoclonal antibody to Cystatin C (CST3)
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	IHC, WB
<b>Immunogen</b>	Full length human recombinant protein of human CST3(NP_000090) produced in HEK293T cell.
<b>Target</b>	Cystatin C
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	OT12C8
<b>MW</b>	13.3 kDa
<b>Uniprot ID</b>	<b>P01034</b>
<b>NCBI</b>	<b>NM_000099</b>

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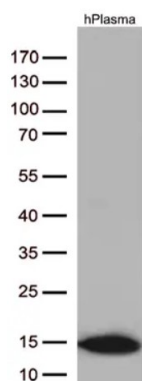
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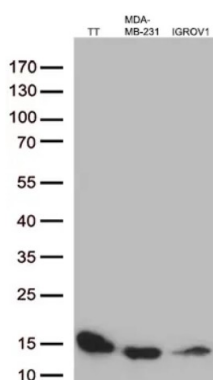
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**Dilution Range** WB 1:2000, IHC 1:150

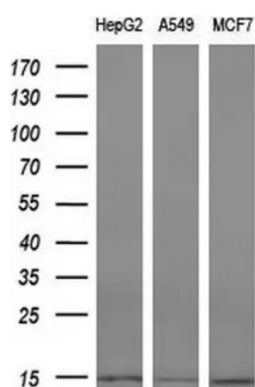
**Expiration Date** 12 months from date of receipt.



Western blot analysis of extracts (35ug) from human plasma by using anti-CST3 monoclonal antibody (1:500).



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-CST3 monoclonal antibody (1:500).



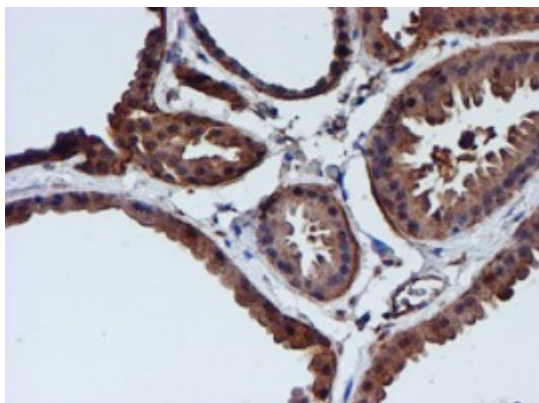
Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-CST3 monoclonal antibody (1:200).

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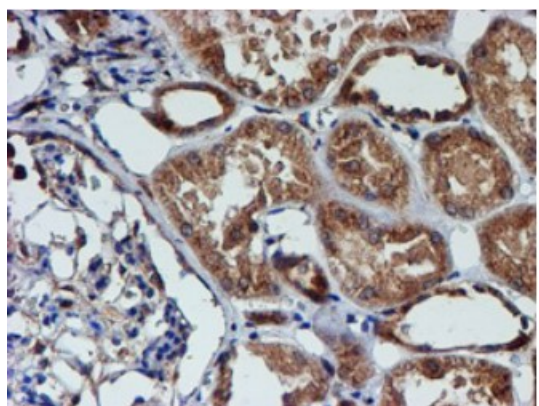
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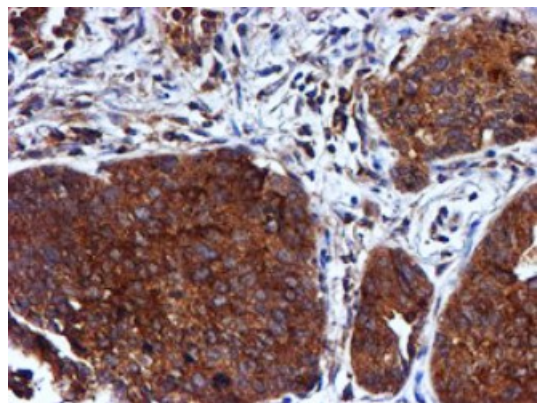
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Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)



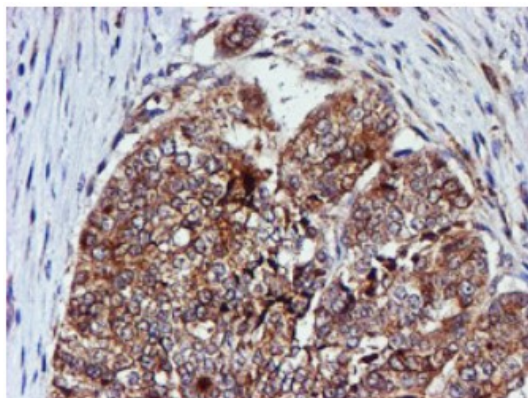
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)

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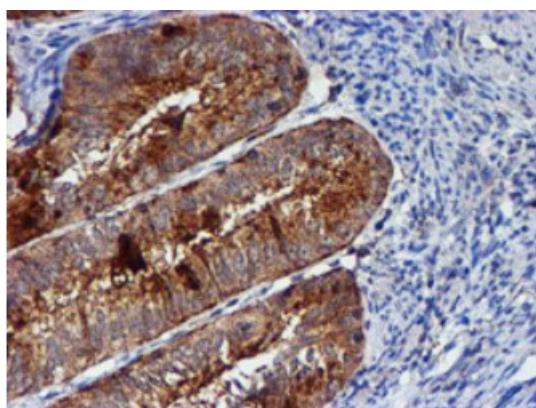
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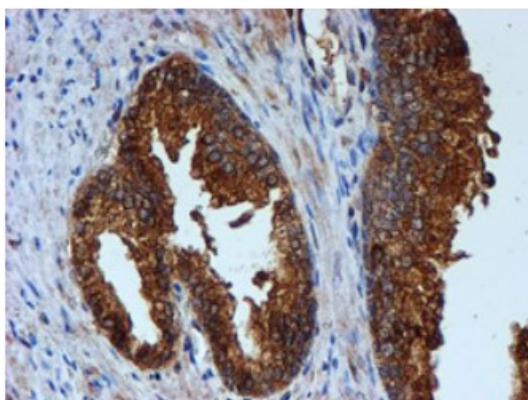
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Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min)(1:150)



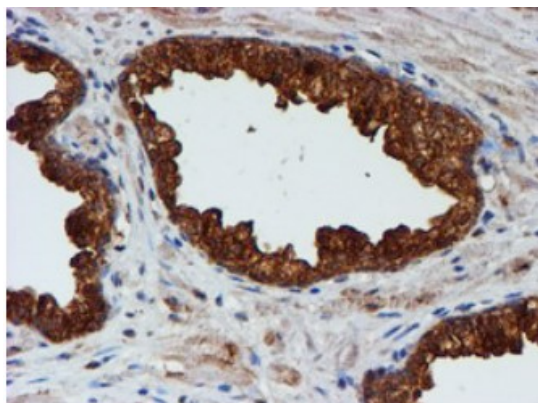
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)

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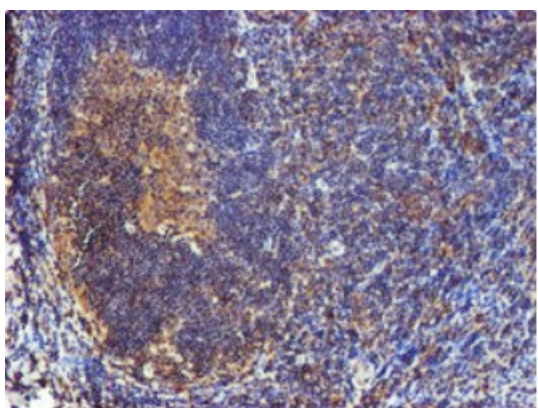
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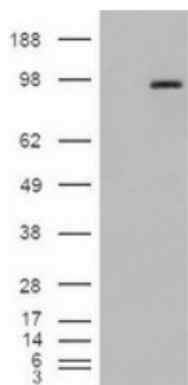
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Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CST3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min) (1:150)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CST3 cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CST3.

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