

# Product Datasheet

## Calpastatin Antibody (OTI1E7)

### NBP2-01819

Unit Size: 0.1 ml

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

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Updated 10/23/2024 v.20.1

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**NBP2-01819****Calpastatin Antibody (OT11E7)**

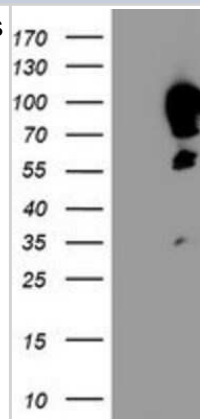
Product Information	
Unit Size	0.1 ml
Concentration	0.62 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11E7
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	84.8 kDa

Product Description	
Host	Mouse
Gene ID	831
Gene Symbol	CAST
Species	Human
Immunogen	Full length human recombinant protein of human CAST(NP_001741) produced in HEK293T cell.

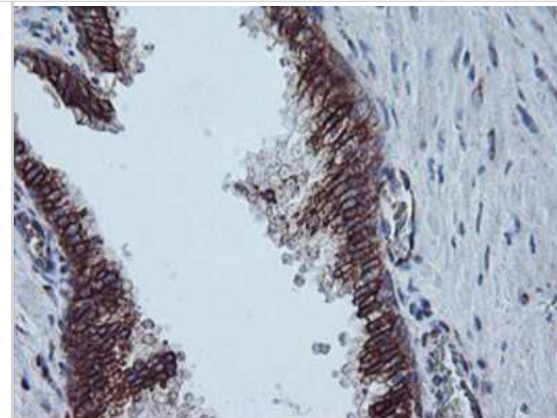
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

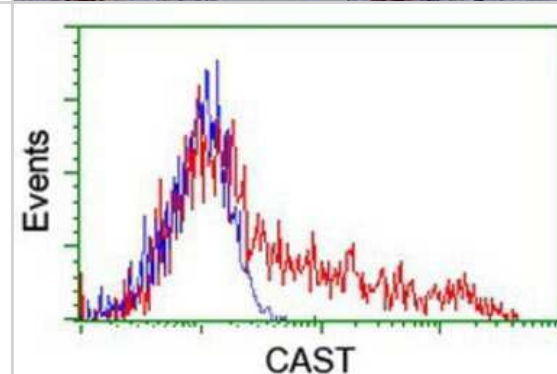
Western Blot: Calpastatin Antibody (1E7) [NBP2-01819] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Calpastatin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Calpastatin.



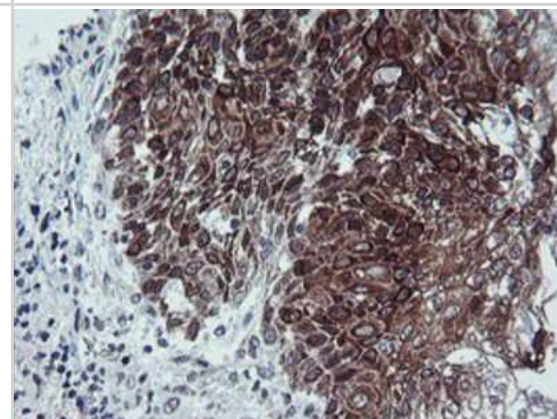
Immunohistochemistry-Paraffin: Calpastatin Antibody (1E7) [NBP2-01819] Staining of paraffin-embedded Human prostate tissue using anti-Calpastatin mouse monoclonal antibody.



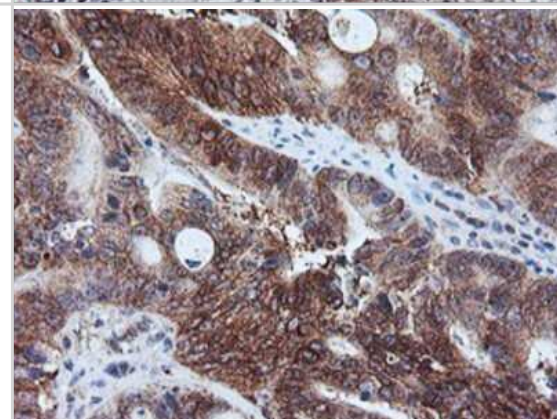
Flow Cytometry: Calpastatin Antibody (1E7) [NBP2-01819] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Calpastatin antibody, and then analyzed by flow cytometry.



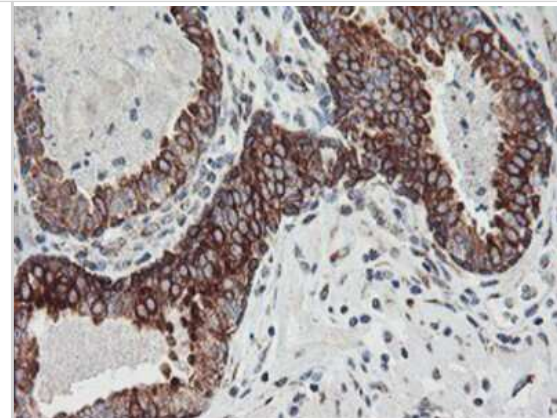
Immunohistochemistry-Paraffin: Calpastatin Antibody (1E7) [NBP2-01819] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Calpastatin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Calpastatin Antibody (1E7) [NBP2-01819] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-Calpastatin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Calpastatin Antibody (1E7) [NBP2-01819] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-Calpastatin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Calpastatin Antibody (1E7) [NBP2-01819] - Staining of paraffin-embedded Human colon tissue using anti-Calpastatin mouse monoclonal antibody.





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### **Products Related to NBP2-01819**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00000831-P01-10ug	Recombinant Human Calpastatin GST (N-Term) Protein

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### **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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