Recombinant Cystatin A Antibody

Rabbit Monoclonal Antibody [Clone CSTA1/9087R]

Catalog No	Format	Size
1475-RBM9-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1475-RBM9-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1475-RBM9-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

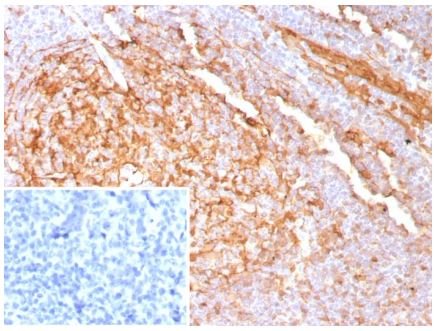
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

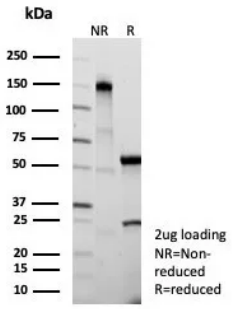
Clone	CSTA1/9087R
Immunogen	Recombinant full-length human Cystatin A protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	11.01kDa
Cellular Localization	Cytoplasm
Species Reactivity	Human
Positive Control	THP-1 or A431 cells. Human tonsil or prostate tissue.

**Optimal dilution for a specific application should be determined.*

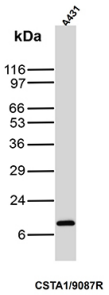
Product Images for Recombinant Cystatin A Antibody



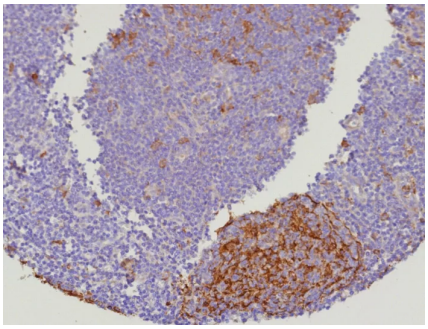
Formalin-fixed, paraffin-embedded human tonsil stained with Cystatin A Recombinant Rabbit Monoclonal Antibody (CSTA/9087R). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis of Purified Cystatin A Recombinant Rabbit Monoclonal Antibody (CSTA/9087R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of A431 cell lysate using Cystatin A Recombinant Rabbit Monoclonal Antibody (CSTA1/9087R).



Formalin-fixed, paraffin-embedded human lymph node stained with Cystatin A Recombinant Rabbit Monoclonal Antibody (CSTA/9087R). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins, and kininogens. This gene encodes a stefin that functions as a cysteine protease inhibitor, forming tight complexes with papain and the cathepsins B, H, and L. The protein is one of the precursor proteins of cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. Stefins have been proposed as prognostic and diagnostic tools for cancer.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.