

# Product Datasheet

## HCLS1 Antibody (1A8) - Azide and BSA Free H00003059-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00003059-M02**

HCLS1 Antibody (1A8) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1A8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

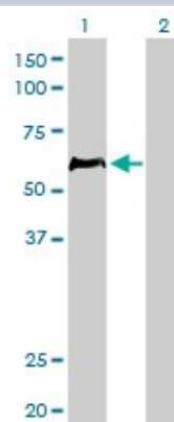
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	3059
<b>Gene Symbol</b>	HCLS1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	HCLS1 (1A8)
<b>Immunogen</b>	HCLS1 (AAH16758, 266 a.a. ~ 355 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QERKAVTKRSPEAPQPVIAMEEPAVPAPLPKKISSEAWPPVGTTPPSSESEPVR TSREHPVPLLPIRQTLPEDNEEPPALPPRTLEGLQVE
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

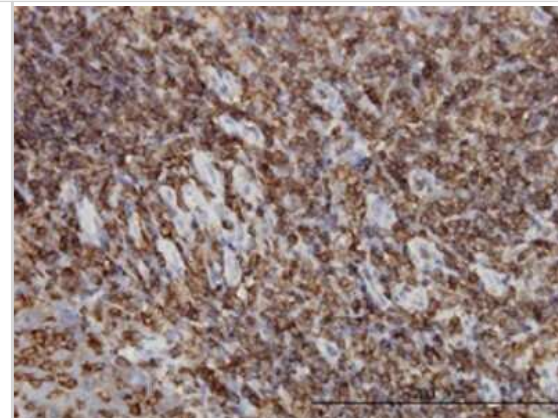
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.

**Images**

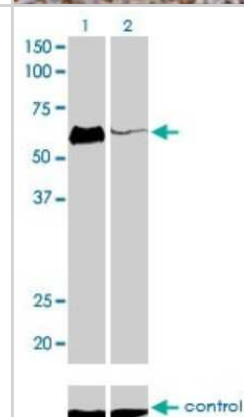
Western Blot: HCLS1 Antibody (1A8) [H00003059-M02] - Analysis of HCLS1 expression in transfected 293T cell line by HCLS1 monoclonal antibody (M02), clone 1A8. Lane 1: HCLS1 transfected lysate(54 KDa). Lane 2: Non-transfected lysate.



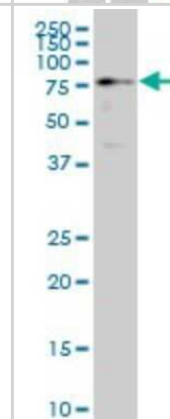
Immunohistochemistry-Paraffin: HCLS1 Antibody (1A8) [H00003059-M02] - Analysis of monoclonal antibody to HCLS1 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



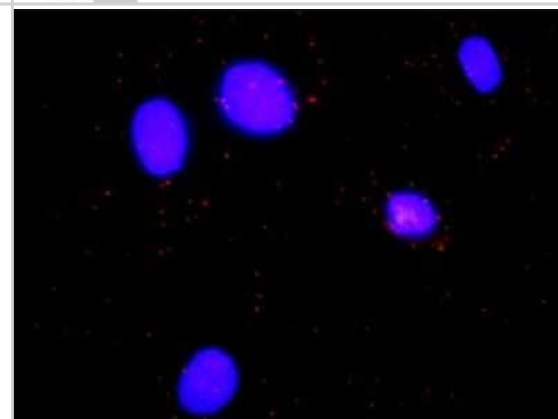
Western Blot: HCLS1 Antibody (1A8) [H00003059-M02] - Analysis of HCLS1 over-expressed 293 cell line, cotransfected with HCLS1 Validated Chimera RNAi ( Cat # H00003059-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with HCLS1 monoclonal antibody (M02), clone 1A8 (Cat # H00003059-M02 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



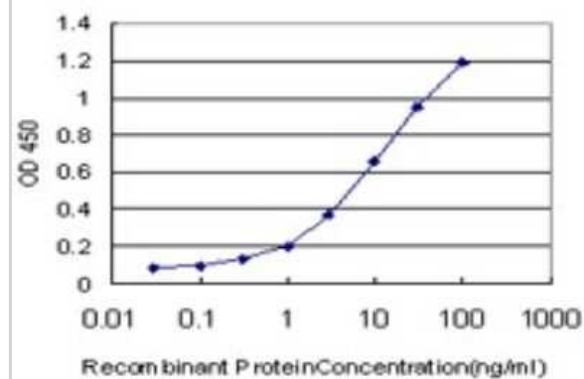
Western Blot: HCLS1 Antibody (1A8) [H00003059-M02] - HCLS1 monoclonal antibody (M02), clone 1A8 Analysis of HCLS1 expression in K-562.



Proximity Ligation Assay: HCLS1 Antibody (1A8) [H00003059-M02] - Analysis of protein-protein interactions between CASP3 and HCLS1. HeLa cells were stained with anti-CASP3 rabbit purified polyclonal 1:1200 and anti-HCLS1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: HCLS1 Antibody (1A8) [H00003059-M02] - Detection limit for recombinant GST tagged HCLS1 is approximately 0.1ng/ml as a capture antibody.



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**Products Related to H00003059-M02**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003059-P01-10ug	Recombinant Human HCLS1 GST (N-Term) Protein

**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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