10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HCLS1 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant HCLS1.

Catalog # AT2330a

Specification

HCLS1 Antibody (monoclonal) (M06) - Product Information

Application	**IF, WB, IHC, E**
Primary Accession	P14317
Other Accession	BC016758
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**54014**

HCLS1 Antibody (monoclonal) (M06) - Additional Information

Gene ID 3059

Other Names
Hematopoietic lineage cell-specific protein, Hematopoietic cell-specific LYN substrate 1, LckBP1, p75, HCLS1, HS1

Target/Specificity
HCLS1 (AAH16758, 266 a.a. ~ 355 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
HCLS1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

HCLS1 Antibody (monoclonal) (M06) - Protocols

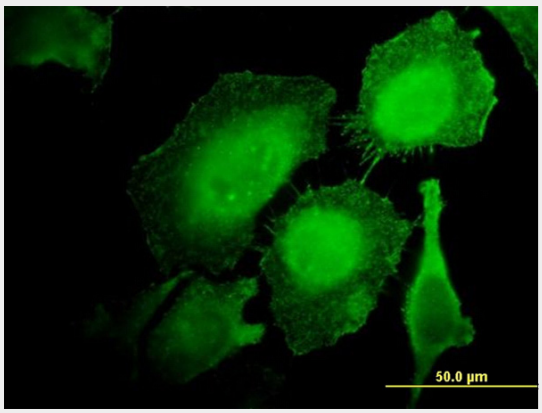
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

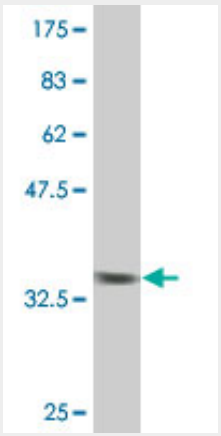
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

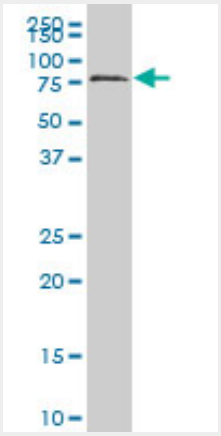
HCLS1 Antibody (monoclonal) (M06) - Images



Immunofluorescence of monoclonal antibody to HCLS1 on HeLa cell. [antibody concentration 10 ug/ml]



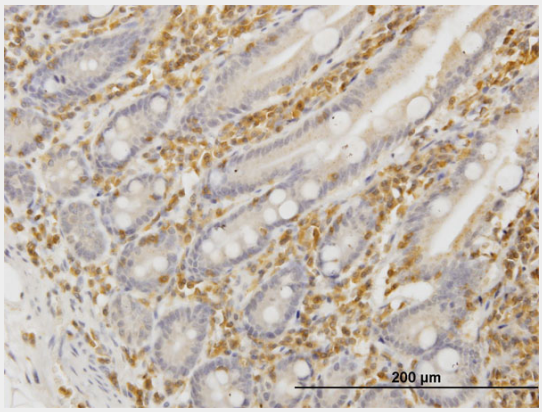
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.64 KDa) .



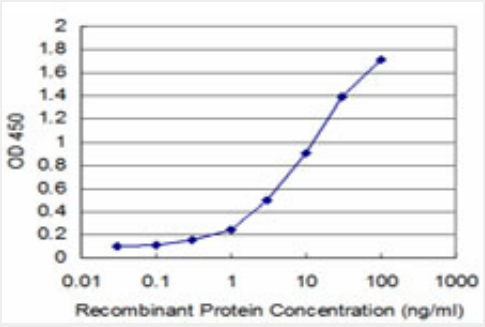
HCLS1 monoclonal antibody (M06), clone 2A9 Western Blot analysis of HCLS1 expression in K-562

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Immunoperoxidase of monoclonal antibody to HCLS1 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged HCLS1 is approximately 0.3ng/ml as a capture antibody.

HCLS1 Antibody (monoclonal) (M06) - References

HS1 complexes with cytoskeleton adapters in normal and malignant chronic lymphocytic leukemia B cells. Muzio M, et al. Leukemia, 2007 Sep. PMID 17508001.A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.The coiled-coil domain is required for HS1 to bind to F-actin and activate Arp2/3 complex. Hao JJ, et al. J Biol Chem, 2005 Nov 11. PMID 16157603.Quantitative phosphoproteome analysis using a dendrimer conjugation chemistry and tandem mass spectrometry. Tao WA, et al. Nat Methods, 2005 Aug. PMID 16094384.