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HSPC111 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HSPC111.
Catalog # AT2451a

Specification

HSPC111 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC, E
Primary Accession	O9Y3C1
Other Accession	BC040106
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	21188

HSPC111 Antibody (monoclonal) (M01) - Additional Information

Gene ID 51491

Other Names
Nucleolar protein 16, HBV pre-S2 trans-regulated protein 3, NOP16

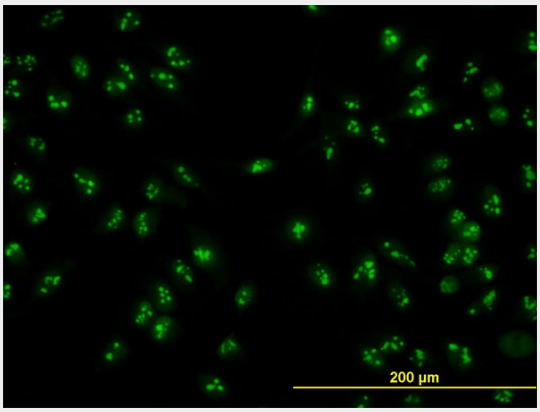
Target/Specificity
HSPC111 (AAH40106, 1 a.a. ~ 178 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

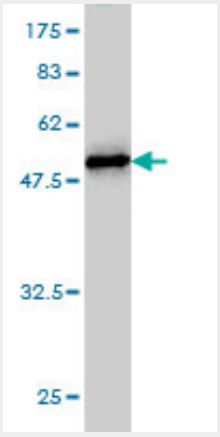
Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

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

Precautions
HSPC111 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.



Immunofluorescence of monoclonal antibody to HSPC111 on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (45.32 KDa) .

HSPC111 Antibody (monoclonal) (M01) - Protocols

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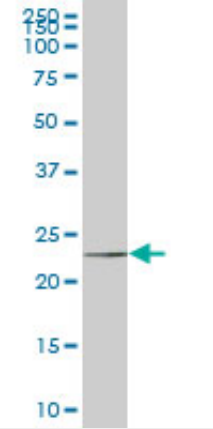
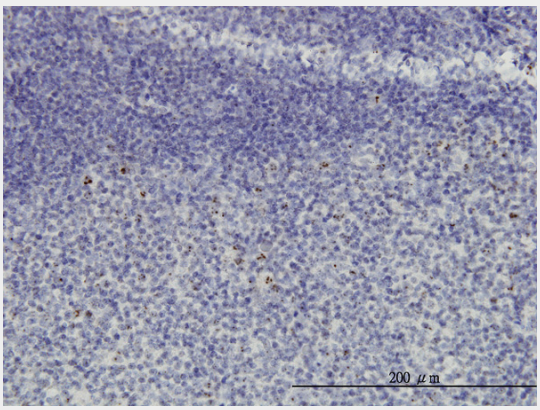
Provided below are standard protocols that you may find useful for product applications.

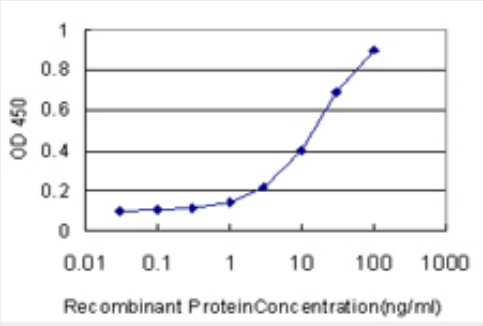
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture



HSPC111 monoclonal antibody (M01), clone 1G4 Western Blot analysis of HSPC111 expression in K-562 ((Cat # AT2451a)



Immunoperoxidase of monoclonal antibody to HSPC111 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged HSPC111 is approximately 1ng/ml as a capture antibody.

HSPC111 Antibody (monoclonal) (M01) - Background

NOP16 is transcriptionally regulated by c-Myc (MYC; MIM 190080), upregulated in breast

cancer, and overexpression is associated with poor patient survival (Butt et al., 2008).

HSPC111 Antibody (monoclonal) (M01) - References

The estrogen and c-Myc target gene HSPC111 is over-expressed in breast cancer and associated with poor patient outcome. Butt AJ, et al. Breast Cancer Res, 2008. PMID 18373870.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.Functional proteomic analysis of human nucleolus. Scherl A, et al. Mol Biol Cell, 2002 Nov. PMID 12429849.Directed proteomic analysis of the human nucleolus. Andersen JS, et al. Curr Biol, 2002 Jan 8. PMID 11790298.