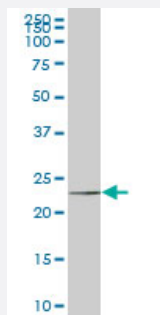


HSPC111 monoclonal antibody (M01), clone 1G4

Catalog # H00051491-M01

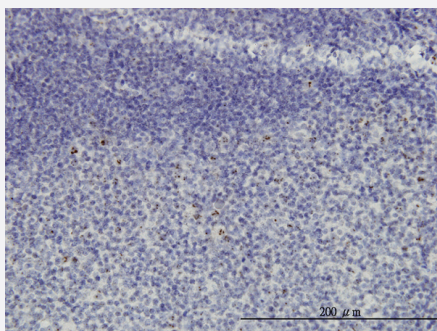
Size 100 ug

Applications



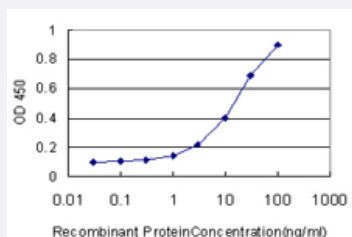
Western Blot (Cell lysate)

HSPC111 monoclonal antibody (M01), clone 1G4 Western Blot analysis of HSPC111 expression in K-562 (Cat # L009V1).



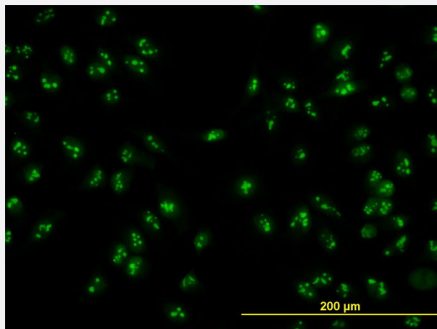
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



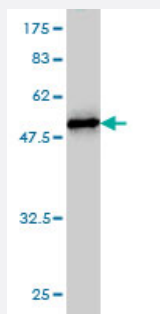
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (45.32 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant HSPC111.
Immunogen	HSPC111 (AAH40106, 1 a.a. ~ 178 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPKAKGKTRRQKFGYSVNRKRLNRNARRKAAPRIECSHIRHAWDHAKSVRQNLAEMGLAVDPN RAVPLRKRKVKAMEVDIEERPKELVKPYVLNDLEAEASLPEKKGNTLSRDLIDYVRYMVENHGE DYKAMARDEKNYYQDTPKQIRSKINVYKRFYPAEWQDFLDSLQKRKMEVE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.32 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HSPC111 monoclonal antibody (M01), clone 1G4 Western Blot analysis of HSPC111 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

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[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — NOP16

Entrez GeneID	51491
GeneBank Accession#	BC040106
Protein Accession#	AAH40106
Gene Name	NOP16
Gene Alias	HSPC111, HSPC185
Gene Description	NOP16 nucleolar protein homolog (yeast)
Gene Ontology	Hyperlink
Gene Summary	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).[supplied by OMIM]

Other Designations

HBV pre-S2 trans-regulated protein 3|NOP16 nucleolar protein homolog|nucleolar protein 16 homolog
