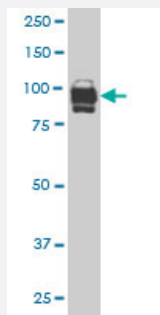


IFI16 monoclonal antibody (M05), clone 1B4

Catalog # H00003428-M05

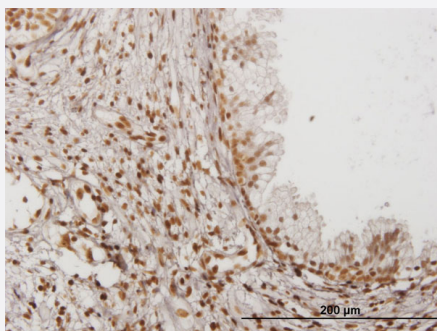
Size 100 ug

Applications



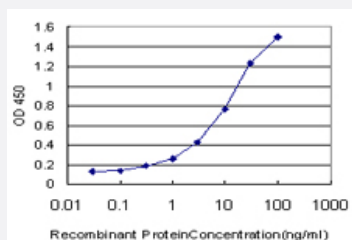
Western Blot (Cell lysate)

IFI16 monoclonal antibody (M05), clone 1B4 Western Blot analysis of IFI16 expression in HeLa S3 NE (Cat # L013V3).



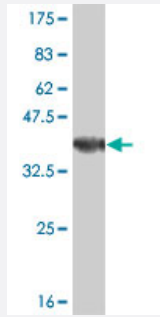
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to IFI16 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 0.5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IFI16 is approximately 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant IFI16.
Immunogen	IFI16 (AAH17059, 630 a.a. ~ 729 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FVNGVFVEVHKKNVRGFTYYEIQDNTGKMEVVVHGRLTTINCEEGLKLTCTFELAPKSGNTGEL RSVIHSHIKVIKTRKNKKDILNPDSSMETSPDFFF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (43)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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)

IFI16 monoclonal antibody (M05), clone 1B4 Western Blot analysis of IFI16 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to IFI16 on formalin-fixed paraffin-embedded human prostate. [antibody concentration 0.5 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IFI16 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IFI16

Entrez GeneID [3428](#)

GeneBank Accession# [BC017059](#)

Protein Accession# [AAH17059](#)

Gene Name IFI16

Gene Alias IFNGIP1, MGC9466, PYHIN2

Gene Description interferon, gamma-inducible protein 16

Omim ID [147586](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigen s with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involv ed in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localize s to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 f unction, and inhibits cell growth in the Ras/Raf signaling pathway. [provided by RefSeq

Other Designations OTTHUMP00000035192|interferon-gamma induced protein IFI 16|interferon-inducible myeloid dif ferentiation transcriptional activator

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)