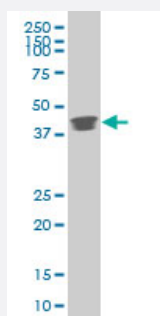


POU5F1 monoclonal antibody (M05), clone 1B11

Catalog # H00005460-M05

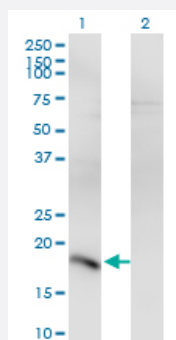
Size 100 ug

Applications



Western Blot (Cell lysate)

POU5F1 monoclonal antibody (M05), clone 1B11 Western Blot analysis of POU5F1 expression in HepG2 (Cat # L019V1).

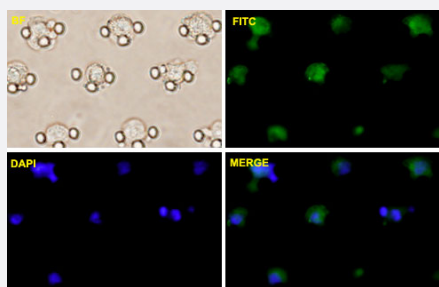


Western Blot (Transfected lysate)

Western Blot analysis of POU5F1 expression in transfected 293T cell line by POU5F1 monoclonal antibody (M05), clone 1B11.

Lane 1: POU5F1 transfected lysate(18.3 KDa).

Lane 2: Non-transfected lysate.

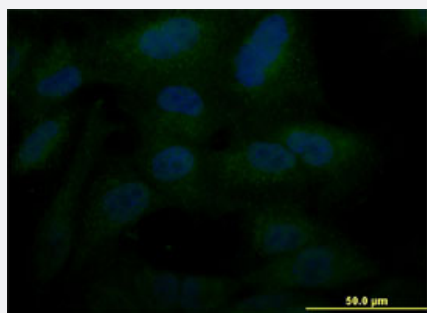


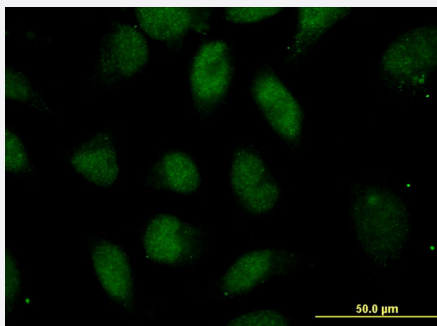
Immunofluorescence (Circulating Tumor Cell)

A-549 cells were stained with POU5F1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).

Immunofluorescence

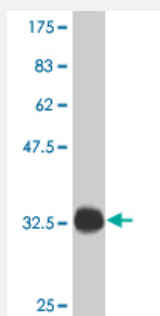
Immunofluorescence of monoclonal antibody to POU5F1 on A-549 cell. [antibody concentration 10 ug/ml]





Immunofluorescence

Immunofluorescence of monoclonal antibody to POU5F1 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.24 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant POU5F1.
Immunogen	POU5F1 (AAH20712, 81 a.a. ~ 164 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	WFCNRRQKGKRSSSDYAQREDFEAAGSPFSGGPVSFPLAPGPHFGTPGYGSPHFTALYSSVPF PEGEAFPPVSVTTLGSPMHSN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.24 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)

POU5F1 monoclonal antibody (M05), clone 1B11 Western Blot analysis of POU5F1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of POU5F1 expression in transfected 293T cell line by POU5F1 monoclonal antibody (M05), clone 1B11.

Lane 1: POU5F1 transfected lysate(18.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence (Circulating Tumor Cell)

A-549 cells were stained with POU5F1-FITC labeled monoclonal antibody (Green). The cell nucleus were counterstained with DAPI (Blue).

- Immunofluorescence

Immunofluorescence of monoclonal antibody to POU5F1 on A-549 cell. [antibody concentration 10 ug/ml]

- Immunofluorescence

Immunofluorescence of monoclonal antibody to POU5F1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — POU5F1

Entrez GeneID [5460](#)

GeneBank Accession# [BC020712](#)

Protein Accession# [AAH20712](#)

Gene Name POU5F1

Gene Alias MGC22487, OCT3, OCT4, OTF3, OTF4

Gene Description	POU class 5 homeobox 1
Omim ID	164177
Gene Ontology	Hyperlink
Gene Summary	class 5
Other Designations	OTTHUMP00000029292 POU domain, class 5, transcription factor 1 POU-type homeodomain-c ontaining DNA-binding protein octamer-binding transcription factor-3

Publication Reference

- [Physiologic Oxygen Concentration Enhances the Stem-Like Properties of CD133+ Human Glioblastoma Cells In vitro.](#)

McCord AM, Jamal M, Shankavarum UT, Lang FF, Camphausen K, Tofilon PJ.

Molecular Cancer Research 2009 Apr; 7(4):489.

Application: WB-Ce, WB-Tr, Human, Human glioblastoma cells

Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Psoriasis](#)
- [Tobacco Use Disorder](#)