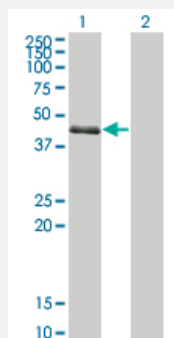


SPDEF monoclonal antibody (M01), clone 4A5

Catalog # H00025803-M01

Size 100 ug

Applications

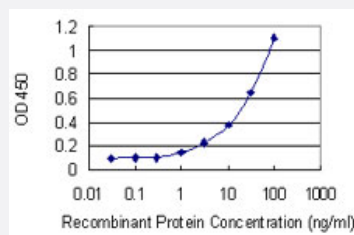


Western Blot (Transfected lysate)

Western Blot analysis of SPDEF expression in transfected 293T cell line by SPDEF monoclonal antibody (M01), clone 4A5.

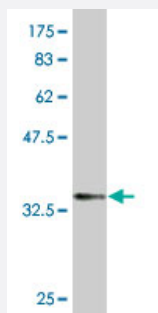
Lane 1: SPDEF transfected lysate(37.518 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SPDEF.

Immunogen	SPDEF (NP_036523, 92 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	QCPVIDSQAPAGSLDLVPGGLTLEEHSLQVQSMVVGEVLKDIETACKLLNITADPMDWSPSNV QKWLLWTEHQYRLPPMGKAFQELAGKELCAMSEEQFRQRSPLGGD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 (Transfected lysate)

Western Blot analysis of SPDEF expression in transfected 293T cell line by SPDEF monoclonal antibody (M01), clone 4A5.

Lane 1: SPDEF transfected lysate(37.518 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — SPDEF

Entrez GeneID	25803
GeneBank Accession#	NM_012391
Protein Accession#	NP_036523
Gene Name	SPDEF
Gene Alias	PDEF, RP11-375E1__A.3, bA375E1.3
Gene Description	SAM pointed domain containing ets transcription factor
Omim ID	608144
Gene Ontology	Hyperlink
Gene Summary	PDEF is an ETS transcription factor expressed in prostate epithelial cells. It acts as an androgen-independent transactivator of PSA (MIM 176820) expression.[supplied by OMIM]
Other Designations	OTTHUMP00000016234 prostate epithelium-specific Ets transcription factor

Publication Reference

- [Upregulation of SPDEF is associated with poor prognosis in prostate cancer.](#)

Meiners J, Schulz K, Möller K, Höflmayer D, Burdelski C, Hube-Magg C, Simon R, Göbel C, Hinsch A, Reisch V, Weidemann S, Izbicki JR, Sauter G, Jacobsen F, Möller-Koop C, Mandelkow T, Blessin NC, Lutz F, Viehweger F, Lennartz M, Fraune C, Heinzer H, Minner S, Bonk S, Huland H, Graefen M, Schlomm T, Büscheck F.

Oncology Letters 2019 Nov; 18(5):5107.

Application: IHC-P, Human, Human tissue microarray, Prostate cancer