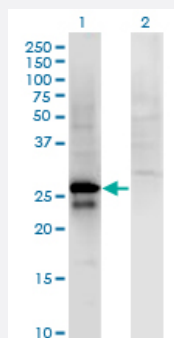


SP2 monoclonal antibody (M01), clone 5D3

Catalog # H00006668-M01

Size 100 ug

Applications

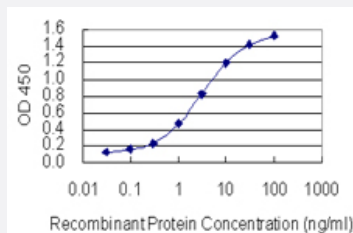


Western Blot (Transfected lysate)

Western Blot analysis of SP2 expression in transfected 293T cell line by SP2 monoclonal antibody (M01), clone 5D3.

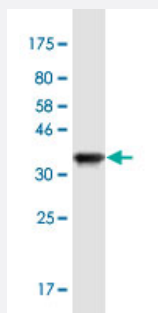
Lane 1: SP2 transfected lysate (Predicted MW: 25.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant SP2.

Immunogen	SP2 (NP_003101.2, 71 a.a. ~ 161 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SPGKNSFGILSSKGNILQIQGSQLSASYPGGQLVFAIQNPTMINKGTRSNANIYQAVPQIQASNSQT IQVQPNLTNQIIPGTNQAIIT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (36)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 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 SP2 expression in transfected 293T cell line by SP2 monoclonal antibody (M01), clone 5D3.

Lane 1: SP2 transfected lysate (Predicted MW: 25.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SP2

Entrez GeneID	6668
GeneBank Accession#	NM_003110
Protein Accession#	NP_003101.2
Gene Name	SP2
Gene Alias	-
Gene Description	Sp2 transcription factor
Omim ID	601801
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters. [provided by RefSeq]</p>
Other Designations	-