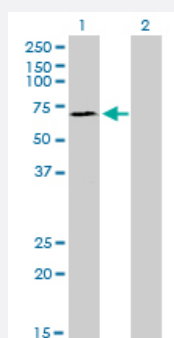


SP110 monoclonal antibody (M01), clone 8C8

Catalog # H00003431-M01

Size 100 ug

Applications

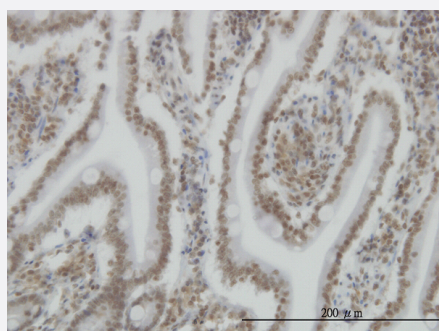


Western Blot (Transfected lysate)

Western Blot analysis of SP110 expression in transfected 293T cell line by SP110 monoclonal antibody (M01), clone 8C8.

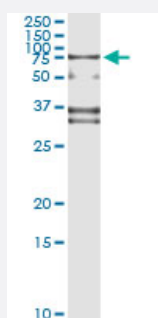
Lane 1: SP110 transfected lysate(61.8 KDa).

Lane 2: Non-transfected lysate.



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

Immunoperoxidase of monoclonal antibody to SP110 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]

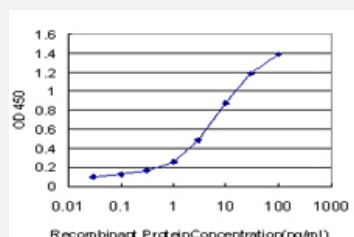


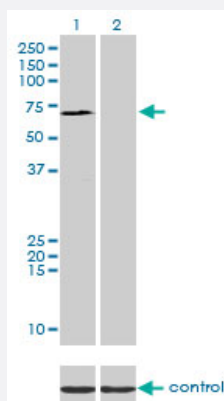
Immunoprecipitation

Immunoprecipitation of SP110 transfected lysate using anti-SP110 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SP110 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

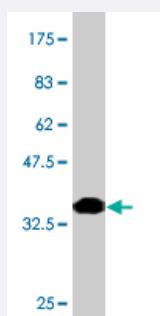
Detection limit for recombinant GST tagged SP110 is approximately 0.1ng/ml as a capture antibody.





RNAi Knockdown (Antibody validated)

Western blot analysis of SP110 over-expressed 293 cell line, cotransfected with SP110 Validated Chimera RNAi (Cat # H00003431-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SP110 monoclonal antibody (M01), clone 8C8 (Cat # H00003431-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SP110.
Immunogen	SP110 (NP_004501, 271 a.a. ~ 380 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TPSDKKGKKRKRCIWSTPKRRHKKKSLPRGTASSRHGIQKKLKRVDQVPQKKDDSTCNSTVETR AQKARTECARKSRSEEIIDGTSEMNEGKRSQKTPSTPRRVTTQGAAS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (48)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 SP110 expression in transfected 293T cell line by SP110 monoclonal antibody (M01), clone 8C8.

Lane 1: SP110 transfected lysate(61.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to SP110 on formalin-fixed paraffin-embedded human small intestine. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SP110 transfected lysate using anti-SP110 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SP110 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP110 is approximately 0.1ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of SP110 over-expressed 293 cell line, cotransfected with SP110 Validated Chimera RNAi (Cat # H00003431-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with SP110 monoclonal antibody (M01), clone 8C8 (Cat # H00003431-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — SP110

Entrez GeneID

[3431](#)

GeneBank Accession#	NM_004510
Protein Accession#	NP_004501
Gene Name	SP110
Gene Alias	FLJ22835, IFI41, IFI75, IPR1, VODI
Gene Description	SP110 nuclear body protein
Omim ID	235550 604457 607948
Gene Ontology	Hyperlink
Gene Summary	<p>The nuclear body is a multiprotein complex that may have a role in the regulation of gene transcription. This gene is a member of the SP100/SP140 family of nuclear body proteins and encodes a leukocyte-specific nuclear body component. The protein can function as an activator of gene transcription and may serve as a nuclear hormone receptor coactivator. In addition, it has been suggested that the protein may play a role in ribosome biogenesis and in the induction of myeloid cell differentiation. Alternative splicing has been observed for this gene and three transcript variants, encoding distinct isoforms, have been identified. [provided by RefSeq]</p>
Other Designations	interferon-induced protein 41, 30kD interferon-induced protein 75, 52kD phosphoprotein 41 phosphoprotein 75 transcriptional coactivator Sp110

Disease

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- [Genetic Predisposition to Disease](#)
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- [Hepatitis C](#)
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