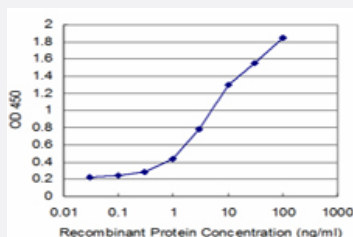


SP110 monoclonal antibody (M04), clone 4B8

Catalog # H00003431-M04

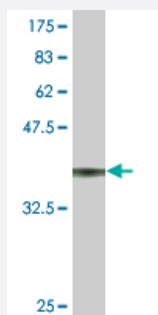
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP110 is approximately 0.3ng/ml as a capture antibody.



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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SP110 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

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

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]

Other Designations

interferon-induced protein 41, 30kD|interferon-induced protein 75, 52kD|phosphoprotein 41|phosphoprotein 75|transcriptional coactivator Sp110

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Tuberculosis](#)
- [Viremia](#)