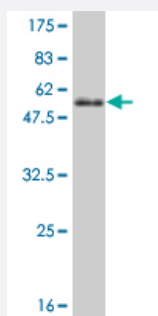


SP3 monoclonal antibody (M14), clone 4B4

Catalog # H00006670-M14

Size 100 ug

Applications



Western Blot detection against Immunogen (41.95 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SP3.
Immunogen	SP3 (NP_003102, 287 a.a. ~ 430 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TAGINADGHLINTGQAMDSSDNSERTGERVSPDINETNTDLDLFPVTSSSSQLPVTIDSTGILQQNT NSLTSSGQVHSSDLQGNVQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQVQGTPQ TIHGVQASGQN*
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.95 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](#)

- ELISA

Gene Info — SP3

Entrez GeneID [6670](#)

GeneBank Accession# [NM_003111](#)

Protein Accession# [NP_003102](#)

Gene Name SP3

Gene Alias DKFZp686O1631, SPR-2

Gene Description Sp3 transcription factor

Omim ID [601804](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene belongs to a family of Sp1 related genes that encode transcription factors that regulate transcription by binding to consensus GC- and GT-box regulatory elements in target genes. This protein contains a zinc finger DNA-binding domain and several transactivation domains, and has been reported to function as a bifunctional transcription factor that either stimulates or represses the transcription of numerous genes. Transcript variants encoding different isoforms have been described for this gene, and one has been reported to initiate translation from a non-AUG (AUA) start codon. Additional isoforms, resulting from the use of alternate downstream translation initiation sites, have also been noted. [provided by RefSeq]

Other Designations GC-binding transcription factor Sp3|specificity protein 3