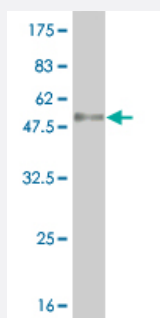


# SP3 monoclonal antibody (M10), clone 2E8

Catalog # H00006670-M10

Size 100 ug

## Applications



Western Blot detection against Immunogen (41.95 KDa) .

## Specification

|                                      |   |
|--------------------------------------|---|
| <b>Product Description</b>           | Mouse monoclonal antibody raised against a full length recombinant SP3.   |
| <b>Immunogen</b>                     | 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.                                  |
| <b>Sequence</b>                      | TAGINADGHLINTGQAMDSSDNSERTGERVSPDINETNTDLDLFPVTSSSSQLPVTIDSTGILQQNT<br>NSLTSSGQVHSSDLQGNVQSPVSEETQAQNIQVSTAQPVVQHLQLQESQQPTSQAQVQGTPQ<br>TIHGVQASGQN* |
| <b>Host</b>                          | Mouse   |
| <b>Reactivity</b>                    | Human   |
| <b>Interspecies Antigen Sequence</b> | Mouse (97)  |
| <b>Isotype</b>                       | IgG2a Kappa   |
| <b>Quality Control Testing</b>       | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (41.95 KDa) .  |
| <b>Storage Buffer</b>                | In 1x PBS, pH 7.4   |
| <b>Storage Instruction</b>           | 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       | <a href="#">6670</a>   |
| GeneBank Accession# | <a href="#">NM_003111</a>  |
| Protein Accession#  | <a href="#">NP_003102</a>  |
| Gene Name           | SP3  |
| Gene Alias          | DKFZp686O1631, SPR-2   |
| Gene Description    | Sp3 transcription factor   |
| Omim ID             | <a href="#">601804</a>   |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| 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  |