



SPZ1 Monoclonal Antibody

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| Catalog No | BYmab-03189 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse; |
| Applications | WB |
| Gene Name | SPZ1 |
| Protein Name | Spermatogenic leucine zipper protein 1 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human SPZ1. AA range:111-160 |
| Specificity | SPZ1 Monoclonal Antibody detects endogenous levels of SPZ1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | SPZ1; TSP1; Spermatogenic leucine zipper protein 1; Testis-specific protein 1; Testis-specific protein NYD-TSP1 |
| Observed Band | 133kD |
| Cell Pathway | Cytoplasm . Nucleus . |
| Tissue Specificity | Specifically and strongly expressed in the testis. Expressed in several tumor cell lines. |
| Function | function:Transcription factor that binds to the DNA sequence 5'-CANNTG-3'(E box) and the G-box motif. May play an important role in the regulation of cell proliferation and differentiation during spermatogenesis.,PTM:Phosphorylated by ERK1 and ERK2.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Interacts with PPP1CC isoform gamma-2.,tissue specificity:Specifically and strongly expressed in the testis. Expressed in several tumor cell lines., |
| Background | This gene encodes a bHLH-zip transcription factor which functions in the mitogen-activate protein kinase (MAPK) signaling pathway. Because of its role in |

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the upregulation of cell proliferation and tumorigenesis, this gene may serve as a target for Ras-induced tumor treatments. [provided by RefSeq, Oct 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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