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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SPP1 monoclonal antibody (M16), clone 1D7

Catalog # : H00006696-M16

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant SPP1.

Immunogen: SPP1 (NP_000573.1, 21 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

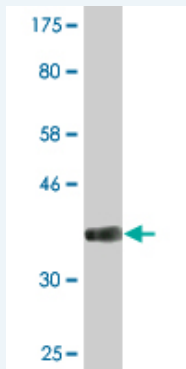
Sequence: QADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLAPQTLPSKSNESH
DHMDMDDEDDDDHVDSDSIDSNSDDVDDTDDSHQSDESHSDES
DELVDFPTDLPAT

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.62 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

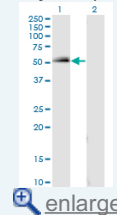
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

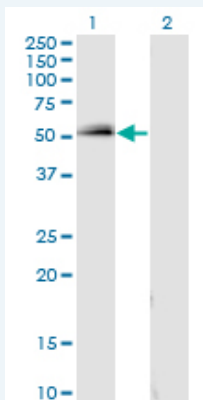
Application Image

Western Blot (Transfected lysate)



Western Blot (Recombinant protein)

ELISA




Western Blot analysis of SPP1 expression in transfected 293T cell line by SPP1 monoclonal antibody (M16), clone 1D7.

Lane 1: SPP1 transfected lysate(35.4 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6696](#)

GeneBank Accession#: [NM_000582](#)

Protein Accession#: [NP_000573.1](#)

Gene Name: SPP1

Gene Alias: BNSP,BSPI,ETA-1,MGC110940,OPN

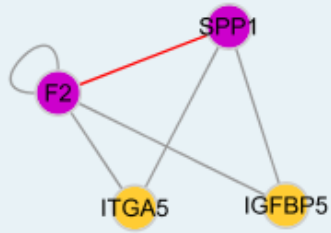
Gene Description: secreted phosphoprotein 1

Omim ID: [166490](#)

Gene Ontology: [Hyperlink](#)

Other Designations: SPP1/CALPHA1 fusion,bone sialoprotein I,early T-lymphocyte activation 1,osteopontin,osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein,secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)

Interactome



Gene Pathway

[ECM-receptor interaction](#) [Focal adhesion](#) [Toll-like receptor signaling pathway](#)

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