

A21084

Leader in Biomolecular Solutions for Life Science



Osteopontin Mouse mAb

Catalog No.: A21084

Basic Information

Observed MW

69kDa

Calculated MW

35kDa

Category

Mouse Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0443

Background

The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

6696

Swiss Prot

P10451

Immunogen

Recombinant protein of human Osteopontin.

Synonyms

OPN; BNSP; BSP1; ETA-1; Osteopontin

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG2a, Kappa

Purification

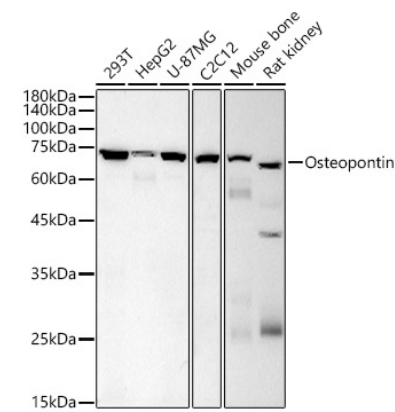
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Osteopontin Mouse mAb (A21084) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (A5003) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.