

Recombinant Osteopontin Monoclonal Antibody

catalog number: E-AB-81496

Note: Centrifuge before opening to ensure complete recovery of vial contents.

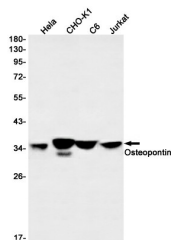
Description

Reactivity	Human;Rat;Hamster
Immunogen	A synthetic peptide of human Osteopontin
Host	Rabbit
Isotype	IgG
Clone	R08-1C5
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

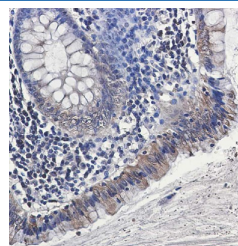
Data



Western blot detection of Osteopontin in Hela, CHO-K1, C6, Jurkat cell lysates using Osteopontin Rabbit mAb(1:1000 diluted). Predicted band size:35kDa. Observed band size:35kDa.

Observed-MW:35 kDa

Calculated-MW:35 kDa



Immunohistochemistry of Osteopontin in paraffin-embedded Human colon cancer tissue using Osteopontin Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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