

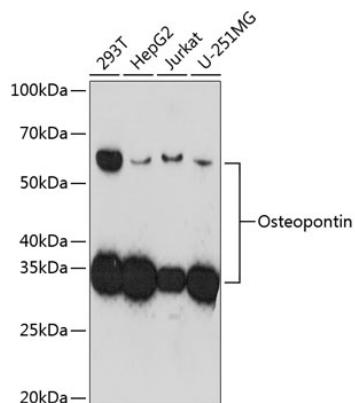


Product name:	Osteopontin Rabbit mAb
Cat number:	AB19092
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Clone:	ARC0471
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Osteopontin (P10451).
Reactivity:	Human
Applications:	WB,1:1000 - 1:2000 ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular weight:	35kDa/65kDa
Purification:	Affinity purification
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.
Form:	liquid
Buffer:	PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of various lysates using Osteopontin Rabbit mAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 3min.

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