

Osteopontin(6P8)Rabbit Monoclonal Antibody



产品详情

产品货号	产品名称	储存条件	保质期
IM68735	Osteopontin(6P8)Rabbit Monoclonal Antibody	-20℃	1 年

产品详情:

产品货号	IM68735
别名	SPP1;BNSP;OPN;PSEC0156;Osteopontin;Bone sialoprotein 1; Nephropontin;Secreted phosphoprotein 1;SPP-1;Urinary stone protein;Uropontin.
产品名称	Osteopontin(6P8)Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	SPP1
蛋白名称	Osteopontin
推荐应用	WB, IHC-P, IF-P, IF-F, IF-ICC, IP, ELISA
反应种属	Human, Mouse, Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	6696
Human Swissprot No.	P10451
Mouse Gene ID	20750
Mouse Swissprot No.	P10923

Rat Gene ID	25353
Rat Swissprot No.	P08721
稀释度	IHC-P 1:200-1:1000, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000, IP 1:50-1:200
参考分子量	55, 65kDa
预测分子量	35kDa
运输及保存条件	-20℃/1 year (Do not lower than -25℃)
宿主	Rabbit
同种型	Monoclonal, rabbit, IgG, Kappa
背景介绍	Secreted phosphoprotein 1 (SPP1) Homo sapiens 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. [provided by RefSeq, Oct 2011].
信号通路	Focal adhesion; ECM-receptor interaction; Toll_Like.
功能	Disease: This protein plays a principal role in urinary stone formation as the stone matrix. function: Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity. function: Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized

功能	matrix. Probably important to cell-matrix interaction. online information: Osteopontin entry, PTM: Extensively phosphorylated on clustered serine residues. PTM: N- and O-glycosylated. similarity: Belongs to the osteopontin family. subunit: Ligand for integrin alpha-V/beta 3.
纯化	Protein A
Clonality	Monoclonal

注意事项:

1. 本产品仅供科研使用。请勿用于医药、临床诊断或治疗，食品及化妆品等用途。请勿存放于普通住宅区。
2. 为了您的安全和健康，请穿好实验服并佩戴一次性手套和口罩操作。
3. 实验结果可由多种因素影响，相关处理只限于产品本身，不涉及其他赔偿。

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