abcam

Product datasheet

Anti-Osteopontin antibody ab36125

5 References 画像数 3

製品の概要

製品名	Anti-Osteopontin antibody
製品の詳細	Goat polyclonal to Osteopontin
由来種	Goat
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat, Dog
免疫原	Synthetic peptide: DPKSKEEDKHLK , corresponding to C terminal amino acids 288-299 of Human Osteopontin Run BLAST with Run BLAST with
ポジティブ・コントロール	Human thymus, tonsil and spleen lysate. Jurkat and MOLT4 lysate.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 0.5% BSA, Tris saline. pH 7.3
精製度	Immunogen affinity purified
特記事項（精製）	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab36125の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 - 1.5 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 34 kDa). Blocking peptide available **ab45753**.

ターゲット情報

機能	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. 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.
組織特異性	Bone. Found in plasma.
配列類似性	Belongs to the osteopontin family.
翻訳後修飾	Extensively phosphorylated on clustered serine residues. N- and O-glycosylated. Phosphorylation sites are present in the extracelllular medium.
細胞内局在	Secreted.

画像

Western blot - Anti-Osteopontin antibody (ab36125)

Anti-Osteopontin antibody (ab36125) at 0.3 µg/ml + Human Thymus lysate (RIPA buffer, 30µg total protein per lane).

Predicted band size: 34 kDa

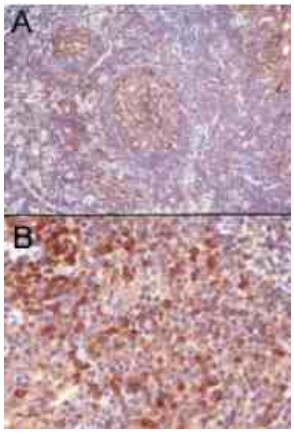
Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

Western blot - Anti-Osteopontin antibody (ab36125)

Anti-Osteopontin antibody (ab36125) at 1 µg/ml + lysate prepared from MOLT4 cells (RIPA buffer) at 30 µg

Predicted band size: 34 kDa
Observed band size: 30 kDa

Primary incubated for 1 hour.
Detected by western blot using chemiluminescence.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Osteopontin antibody (ab36125)

Ab36125 (1ug/ml) staining of paraffin embedded Human Tonsil.
Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.
A) Staining in the germinal centre and interfollicular region.

B) Positive cells in intraepithelial region.

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