

## Product datasheet

# Anti-Osteopontin antibody ab11503

★★★★☆ 1 Abreviews 7 References

### 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	<b>適用あり:</b> Blocking, ICC/IF, WB, Neutralising, Indirect ELISA, IHC-Fr
種交差性	<b>交差種:</b> Mouse, Rat
免疫原	Recombinant full length protein (Mouse) expressed in NSO cells.
ポジティブ・コントロール	Mouse osteopontin expressed in NSO cells.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Constituents: PBS, 5% Trehalose
精製度	Immunogen affinity purified
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

Our [Abpromise guarantee](#) covers the use of **ab11503** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Blocking		Use at an assay dependent concentration. Blocks osteopontin in smooth muscle cell samples.
ICC/IF	★★★★☆	1/50.
WB		Use a concentration of 0.1 - 0.2 µg/ml. Detects a band of approximately 65 kDa.

アプリケーション	Abreviews	特記事項
Neutralising		Use a concentration of 1 - 3 µg/ml. The Neutralization Dose50 (ND50) for anti-mouse osteopontin is approximately 1 to 3 µg/ml in the presence of 2 µg/ml of recombinant mouse osteopontin using 293 cells.
Indirect ELISA		Use a concentration of 0.5 - 1 µg/ml.
IHC-Fr		Use at an assay dependent dilution. PubMed: 17224478

## ターゲット情報

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