

Product datasheet

Anti-Procathepsin K antibody [4b9] ab39246

製品の概要

製品名	Anti-Procathepsin K antibody [4b9]
製品の詳細	Mouse monoclonal [4b9] to Procathepsin K
由来種	Mouse
特異性	This antibody is specific for Procathepsin K.
アプリケーション	適用あり: WB, ELISA, IHC-P
種交差性	交差種: Human
免疫原	N terminal His-tagged recombinant fusion protein (Human), produced in <i>E. coli</i> (36.7 kDa). It comprised 314 amino acid residues of the Human Procathepsin K and 12 additional amino acid residues (MRGSHHHHHHGS) - His Tag.

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: 0.1M Sodium chloride, 0.05M PBS, pH 7.2
精製度	Protein G purified
特記事項 (精製)	Affinity chromatography on a column with immobilized protein G (sterile filtered).
ポリモノ	モノクローナル
クローン名	4b9
アイソタイプ	IgG2b

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab39246** 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
WB		Use at an assay dependent concentration. Predicted molecular weight: 27 kDa.

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Closely involved in osteoclastic bone resorption and may participate partially in the disorder of bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH. May play an important role in extracellular matrix degradation.
組織特異性	Predominantly expressed in osteoclasts (bones).
関連疾患	Defects in CTSK are the cause of pycnodysostosis (PKND) [MIM:265800]. PKND is an autosomal recessive osteochondrodysplasia characterized by osteosclerosis and short stature.
配列類似性	Belongs to the peptidase C1 family.
細胞内局在	Lysosome.

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