

Product datasheet

Anti-BNP antibody [26E2] (HRP) ab14701

製品の概要

製品名	Anti-BNP antibody [26E2] (HRP)
製品の詳細	Mouse monoclonal [26E2] to BNP (HRP)
由来種	Mouse
標識	HRP
アプリケーション	適用あり: WB, Sandwich ELISA, ELISA
種交差性	交差種: Human
免疫原	Synthetic peptide: SPKMQGSGC FGRKMDRIS S SSSLGCKV LR RH, corresponding to the last 32 amino acids of the 134 aa preproBNP sequence that is listed in Swissprot  
特記事項	Abcam is committed to meeting high standards of ethical manufacturing and as such, we will be discontinuing this product, which has been generated by the ascites method, within the next year. We are sorry for any inconvenience this may cause. If you would like help finding an alternative product, please do not hesitate to contact our scientific support team.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.05% Proclin Constituents: PBS, pH 7.4
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	26E2
ミエローマ	Sp2/0
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab14701** 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 dilution.
Sandwich ELISA		Use at an assay dependent dilution. Detection
ELISA		Use at an assay dependent dilution. Can be paired for ELISA with Mouse monoclonal [50E1] to BNP (ab20984) .

ターゲット情報

関連性 Brain natriuretic peptide (BNP) circulates in blood as a peptide hormone with natriuretic, vasodilatory and renin inhibitory properties. BNP is secreted predominantly by the left ventricular myocytes in response to volume expansion and pressure overload. BNP belongs to a family of structurally similar peptide hormones, which includes atrial natriuretic peptide (ANP), BNP, C type natriuretic peptide (CNP) and urodilatin. These peptides are characterized by a common 17 amino acid ring structure with a disulfide bond between two cystein residues. This ring structure shows high homology between different natriuretic peptides (eleven of the 17 amino acid residues are homologous in the ring of each of the natriuretic peptides). BNP is a 32 amino acid peptide with disulfide bond between the cysteine residues Cys10 and Cys26. In earlier studies it has been demonstrated that BNP concentration in blood increases with the severity of congestive heart failure. Quantitative measurement of BNP in blood provides an objective indicator of congestive heart failure severity.

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