


Product datasheet

Anti-Bcr (phospho Y177) antibody ab51040

画像数 1

製品の概要

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| 製品名 | Anti-Bcr (phospho Y177) antibody |
| 製品の詳細 | Rabbit polyclonal to Bcr (phospho Y177) |
| 由来種 | Rabbit |
| 特異性 | The antibody detects endogenous levels of Bcr only when phosphorylated at tyrosine 177 |
| アプリケーション | 適用あり: ELISA, WB |
| 種交差性 | 交差種: Human 交差が予測される動物種: Rat  |
| 免疫原 | Synthetic phosphopeptide derived from human Bcr around the phosphorylation site of tyrosine 177 (P-F-Y ^P -V-N). |
| ポジティブ・コントロール | Extracts form K562 cells |

製品の特性

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| 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: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4 |
| 精製度 | Immunogen affinity purified |
| 特記事項 (精製) | The antibody was affinity purified from rabbit antiserum by affinity chromatography using epitope specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| 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 **ab51040** in the following tested applications.

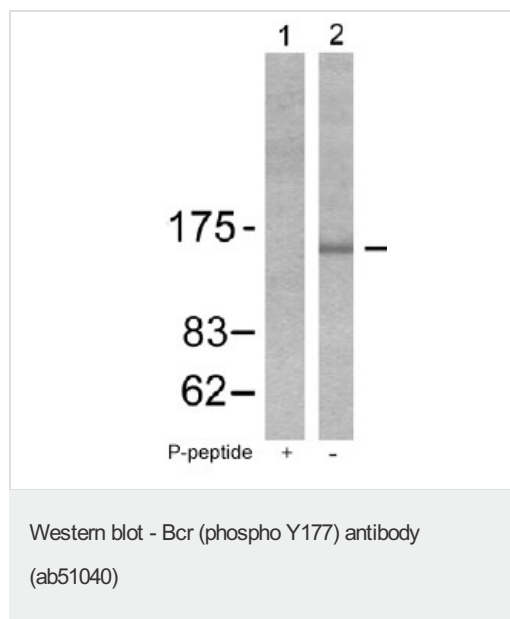
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| ELISA | | 1/10000. |
| WB | | 1/500 - 1/1000. Detects a band of approximately 143 kDa (predicted molecular weight: 143 kDa). |

ターゲット情報

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| 機能 | GTPase-activating protein for RAC1 and CDC42. Promotes the exchange of RAC or CDC42-bound GDP by GTP, thereby activating them. Displays serine/threonine kinase activity. |
| 関連疾患 | Note=A chromosomal aberration involving BCR is a cause of chronic myeloid leukemia. Translocation t(9;22)(q34;q11) with ABL1. The translocation produces a BCR-ABL found also in acute myeloid leukemia (AML) and acute lymphoblastic leukemia (ALL). |
| 配列類似性 | Contains 1 C2 domain. Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 Rho-GAP domain. |
| ドメイン | The region involved in binding to ABL1 SH2-domain is rich in serine residues and needs to be Ser/Thr phosphorylated prior to SH2 binding. This region is essential for the activation of the ABL1 tyrosine kinase and transforming potential of the chimeric BCR-ABL oncogene. The DH domain is involved in interaction with CCGP1. |
| 翻訳後修飾 | Autophosphorylated. Phosphorylated by FES/FPS on tyrosine residues, leading to down-regulation of the BCR kinase activity. Phosphorylation at Tyr-177 by HCK is important for interaction with GRB2. |

画像



All lanes : Anti-Bcr (phospho Y177) antibody (ab51040) at 1/500 dilution

Lane 1 : K562 cell extract, treated with the immunising peptide.

Lane 2 : K562 cell extract, untreated.

Predicted band size: 143 kDa

Observed band size: 143 kDa

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