


Anti-PDGFR beta (phospho Y740) antibody [EP2135Y] ab81301

リコンビナント **RabMAb**

2 References [画像数 2](#)

製品の概要

製品名	Anti-PDGFR beta (phospho Y740) antibody [EP2135Y]
製品の詳細	Rabbit monoclonal [EP2135Y] to PDGFR beta (phospho Y740)
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: IHC-P
種交差性	交差種: Mouse 交差が予測される動物種: Rat 
免疫原	Synthetic peptide within Human PDGFR beta (phospho Y740). The exact sequence is proprietary.
ポジティブ・コントロール	NIH 3T3 cell lysates.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Human: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

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	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EP2135Y
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ab81301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		1/1000 - 1/2000. Detects a band of approximately 190 kDa (predicted molecular weight: 124 kDa).

追加情報 Is unsuitable for IHC-P.

ターゲット情報

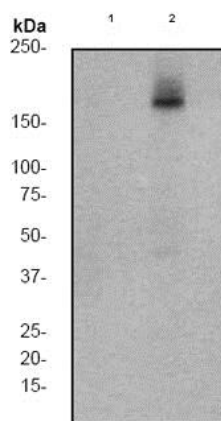
機能 Receptor that binds specifically to PDGFB and PDGFD and has a tyrosine-protein kinase activity. Phosphorylates Tyr residues at the C-terminus of PTPN11 creating a binding site for the SH2 domain of GRB2.

関連疾患 Note=A chromosomal aberration involving PDGFRB is found in a form of chronic myelomonocytic leukemia (CMML). Translocation t(5;12)(q33;p13) with EVT6/TEL. It is characterized by abnormal clonal myeloid proliferation and by progression to acute myelogenous leukemia (AML).
 Note=A chromosomal aberration involving PDGFRB may be a cause of acute myelogenous leukemia. Translocation t(5;14)(q33;q32) with TRIP11. The fusion protein may be involved in clonal evolution of leukemia and eosinophilia.
 Note=A chromosomal aberration involving PDGFRB may be a cause of juvenile myelomonocytic leukemia. Translocation t(5;17)(q33;p11.2) with SPECC1.
 Defects in PDGFRB are a cause of myeloproliferative disorder chronic with eosinophilia (MPE) [MIM:131440]. A hematologic disorder characterized by malignant eosinophils proliferation.
 Note=A chromosomal aberration involving PDGFRB is found in many instances of myeloproliferative disorder chronic with eosinophilia. Translocation t(5;12) with ETV6 on chromosome 12 creating an PDGFRB-ETV6 fusion protein.
 Note=A chromosomal aberration involving PDGFRB may be the cause of a myeloproliferative disorder (MBD) associated with eosinophilia. Translocation t(1;5)(q23;q33) that forms a PDE4DIP-PDGFRB fusion protein.

配列類似性 Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily.
 Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
 Contains 1 protein kinase domain.

翻訳後修飾 Autophosphorylated. Dephosphorylated by PTPRJ at Tyr-751, Tyr-857, Tyr-1009 and Tyr-1021.
細胞内局在 Membrane.

画像



Western blot - Anti-PDGFR beta (phospho Y740) antibody [EP2135Y] (ab81301)

All lanes : Anti-PDGFR beta (phospho Y740) antibody [EP2135Y] (ab81301) at 1/2000 dilution

Lane 1 : NIH 3T3 un-treated

Lane 2 : NIH 3T3 treated with PDGF

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 124 kDa

Observed band size: 190 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-PDGFR beta (phospho Y740) antibody [EP2135Y] (ab81301)

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