




Anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody [MAPK-YT] ab50011

★★★★★ [14 Abreviews](#) [120 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody [MAPK-YT]
製品の詳細	Mouse monoclonal [MAPK-YT] to Erk1 (pT202/pY204) + Erk2 (pT185/pY187)
由来種	Mouse
アプリケーション	適用あり: ICC/IF, WB
種交差性	交差種: Rat, Saccharomyces cerevisiae, Drosophila melanogaster 交差が予測される動物種: Xenopus laevis, Zebrafish 
免疫原	Synthetic peptide corresponding to Erk1 (pT202/pY204) + Erk2 (pT185/pY187) conjugated to Keyhole Limpet Haemocyanin (KLH). Synthetic peptide corresponds to the phosphorylated form of human ERK1 and ERK2 activation loop. Sequence: HTGFLpTEpYVAT <div>  Run BLAST with  Run BLAST with </div>
エピトープ	The epitope recognized by ab50011 is located in the region of phosphorylated threonine and tyrosine residues within the regulatory site of active MAP kinase (Thr185 and Tyr187 in ERK-2).
ポジティブ・コントロール	Rat brain extract, Drosophila wing imaginal disc.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 25th October 2016. The following lot is from ascites and is still in stock as of 25th October 2016- GR185138. Lot numbers higher than GR185138 will be from tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態 Liquid

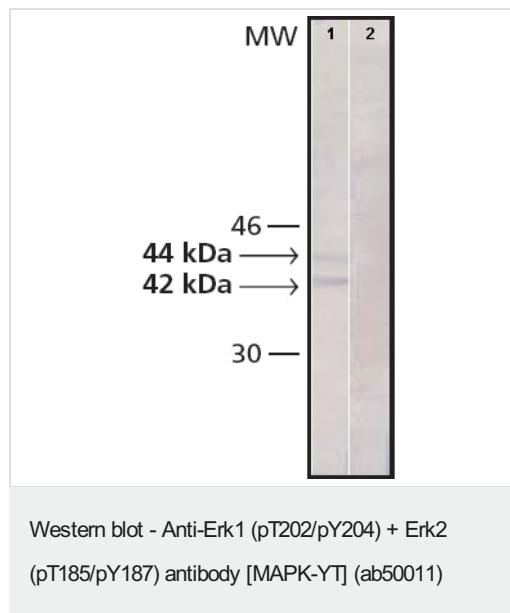
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
精製度	Proprietary Purification
特記事項 (精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	MAPK-YT
アイソタイプ	IgG1

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ab50011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
ICC/IF	★★★★★ (2)	1/200.
WB	★★★★★ (8)	1/10000. Predicted molecular weight: 44 kDa.

画像



Lane 1 : Anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody
[MAPK-YT] (ab50011) at 1/10000 dilution

Lane 2 : no primary antibody

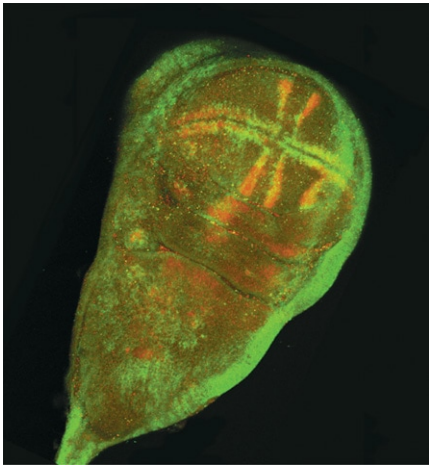
All lanes : Extract of Rat1 cells activated with 100μM
Vanadate+200μM H₂O₂

Secondary

All lanes : Goat Anti-Mouse IgG, AlkPhos
Conjugate

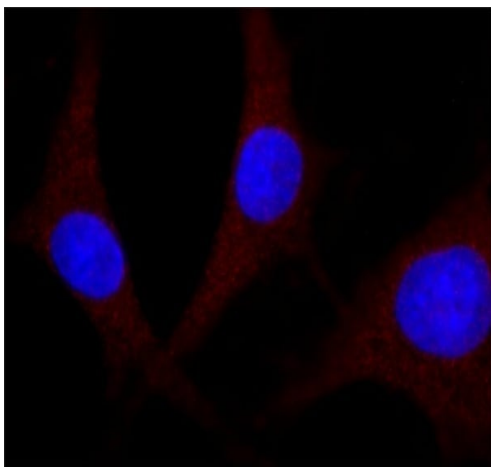
Predicted band size: 44 kDa

Observed band size: 42,44 kDa



In situ immunostaining of the activated form of MAP kinase with ab50011 (green) in Drosophila wing imaginal disc (500 micrometers long).

Immunocytochemistry/ Immunofluorescence - Anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody [MAPK-YT] (ab50011)



ICC/IF of NRK cells labeling the activated form of MAP kinase with ab50011 (1/1000 dilution). The antibody was developed using Goat Anti-Mouse IgG, Cy3™ conjugate. Cells were counterstained with DAPI (blue).

Immunocytochemistry/ Immunofluorescence - Anti-Erk1 (pT202/pY204) + Erk2 (pT185/pY187) antibody [MAPK-YT] (ab50011)

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