

## Product datasheet

# Alexa Fluor® 488 Anti-ERK1 (phospho T202 + Y204) + ERK2 (phospho T185 + Y187) antibody ab200807

[7 References](#) [1 Image](#)

### Overview

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<b>Product name</b>	Alexa Fluor® 488 Anti-ERK1 (phospho T202 + Y204) + ERK2 (phospho T185 + Y187) antibody
<b>Description</b>	Alexa Fluor® 488 Rabbit polyclonal to ERK1 (phospho T202 + Y204) + ERK2 (phospho T185 + Y187)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Alexa Fluor® 488. Ex: 495nm, Em: 519nm
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide corresponding to Human ERK1 (phospho T185 + Y187). Synthetic phosphopeptide derived from the region of ERK1 that contains threonine 202 (corresponding to 185 in ERK2) and tyrosine 204 (corresponding to 187 in ERK2). Database link: <a href="#">P27361</a>
<b>Positive control</b>	NIH3T3 cells (serum starved), treated with PDGF (50 ng/mL for 15 minutes).
<b>General notes</b>	<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&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.05% Sodium azide Constituents: 0.2% BSA, 99% PBS  PBS without Mg <sup>2+</sup> and Ca <sup>2+</sup> .
<b>Purity</b>	Immunogen affinity purified

**Clonality** Polyclonal

**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab200807 in the following tested applications.

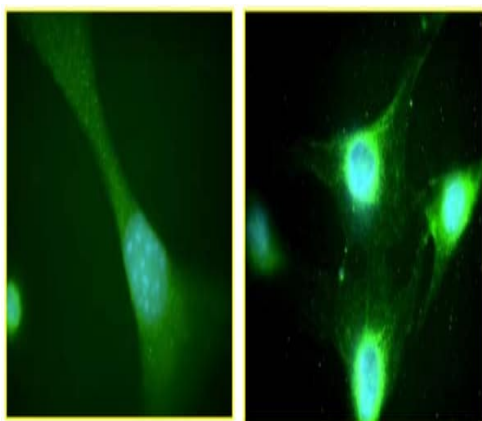
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/50.

## Target

**Cellular localization** ERK2: Nucleus.

## Images



Immunofluorescence analysis of NIH3T3 cells labeling ERK1 + ERK2 (phospho T185 + Y187) using ab200807 at 1/50 dilution. NIH3T3 cells were serum starved and either left untreated (left image) or treated with PDGF (50 ng/mL for 15 minutes) (right image).

Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 488 Anti-ERK1 (phospho T202 + Y204) + ERK2 (phospho T185 + Y187) antibody (ab200807)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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