

## Product datasheet

# Anti-KCTD9 antibody [EPR13909] ab180937

Recombinant RabMAb

★★★★☆ [1 Abreviews](#) [2 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-KCTD9 antibody [EPR13909]
<b>Description</b>	Rabbit monoclonal [EPR13909] to KCTD9
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	MCF-7, HepG2, HT29 cell lysate; MCF-7 cells.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13909
<b>Isotype</b>	IgG

### Applications

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180937 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

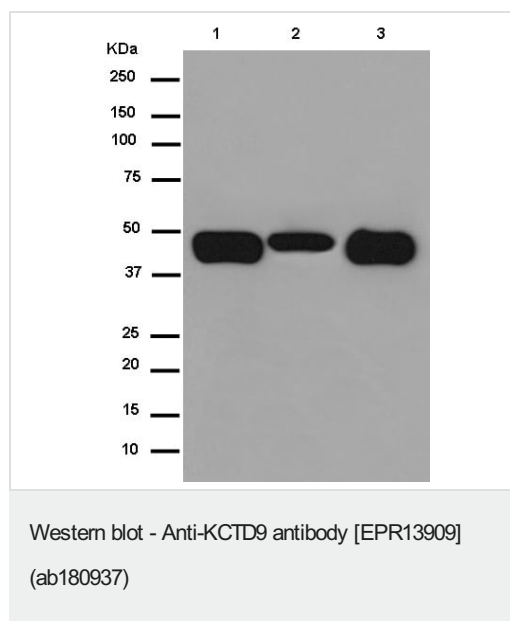
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 43 kDa.
ICC/IF		1/50.

## Target

**Relevance** KCTD9 contains a potassium channel tetramerisation domain. The N-terminal, cytoplasmic tetramerisation domain (T1) of voltage-gated potassium channels encodes molecular determinants for subfamily-specific assembly of alpha-subunits into functional tetrameric channels. The specific function of KCTD9 is unknown.

**Cellular localization** Cytoplasmic and Plasma membrane

## Images



**All lanes** : Anti-KCTD9 antibody [EPR13909] (ab180937) at 1/50000 dilution

**Lane 1** : MCF-7 cell lysate

**Lane 2** : HepG2 cell lysate

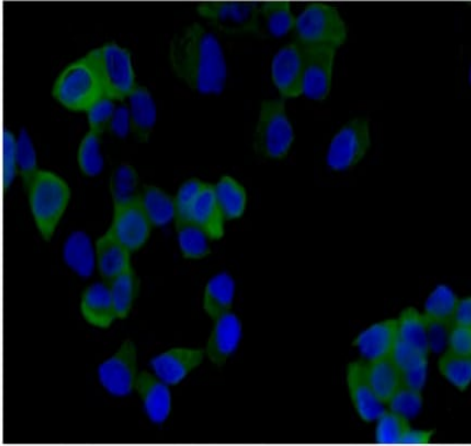
**Lane 3** : HT-29 cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 43 kDa



Immunofluorescence analysis of MCF7 cells labeling KCTD9 using ab180937 at 1/50 dilution. A Goat anti rabbit IgG (Alexa Fluor488) at 1/200 dilution was used as secondary antibody. Cells were fixed with 4% paraformaldehyde. Counterstain: DAPI.

Immunocytochemistry/ Immunofluorescence - Anti-KCTD9 antibody [EPR13909] (ab180937)

### 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-KCTD9 antibody [EPR13909] (ab180937)

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

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- Extensive multi-media technical resources to help you
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