# abcam

## Product datasheet

# Anti-C7orf42 antibody [EPR15381] ab185948

Recombinant  RabMAb

## 4 Images

## Overview

| | |
|---|---|
| **Product name** | Anti-C7orf42 antibody [EPR15381] |
| **Description** | Rabbit monoclonal [EPR15381] to C7orf42 |
| **Host species** | Rabbit |
| **Tested applications** | **Suitable for:** Flow Cyt (Intra), WB |
| **Species reactivity** | **Reacts with:** Mouse, Rat, Human |
| **Immunogen** | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| **Positive control** | Hela, MCF-7, A549, HepG2, C6, Raw264.7, PC-12 and NIH/3T3 cell lysates. Hela cells. |
| **General notes** | This product is a recombinant monoclonal antibody, which offers several advantages including: |

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

## Properties

| | |
|---|---|
| **Form** | Liquid |
| **Storage instructions** | 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. |
| **Storage buffer** | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| **Purity** | Protein A purified |
| **Clonality** | Monoclonal |
| **Clone number** | EPR15381 |
| **Isotype** | IgG |

## Applications

Our **Abpromise guarantee** covers the use of ab185948 in the following tested applications.

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

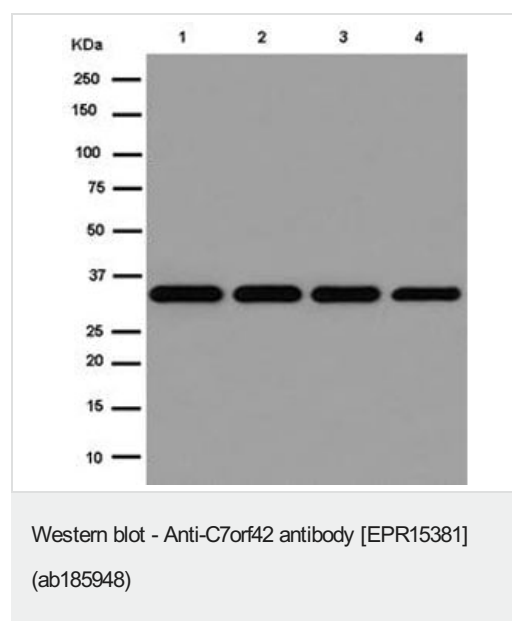| Application | Abreviews | Notes |
|---|---|---|
| **Flow Cyt (Intra)** | | 1/210. <br> **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| **WB** | | 1/1000 - 1/10000. Predicted molecular weight: 35 kDa. |

## Target

| | |
|---|---|
| **Sequence similarities** | Belongs to the UPF0458 family. |
| **Cellular localization** | Membrane. |

## Images



Western blot - Anti-C7orf42 antibody [EPR15381] (ab185948)

**All lanes :** Anti-C7orf42 antibody [EPR15381] (ab185948) at 1/10000 dilution

**Lane 1 :** Hela cell lysate

**Lane 2 :** MCF-7 cell lysate

**Lane 3 :** A549 cell lysate

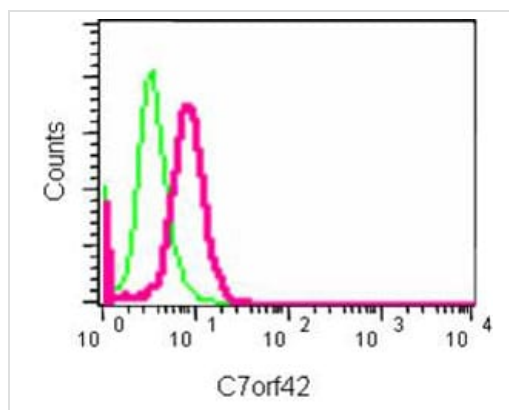**Lane 4 :** HepG2 cell lysate

Lysates/proteins at 20 µg per lane.

**Secondary**

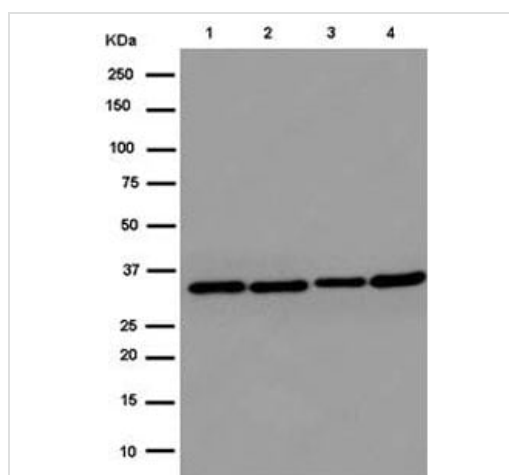**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 35 kDa

Blocking buffer: 5% NFDM/TBST

Flow Cytometry (Intracellular) - Anti-C7orf42 antibody [EPR15381] (ab185948)

Intracellular Flow Cytometry analysis of HeLa cells using ab185948 at 1/210 dilution. Secondary ab: Goat anti rabbit IgG (FITC) at 1/150 dilution. Fixative: 2% paraformaldehyde. Isotype control: Rabbit monoclonal IgG.



Western blot - Anti-C7orf42 antibody [EPR15381] (ab185948)

**All lanes :** Anti-C7orf42 antibody [EPR15381] (ab185948) at 1/1000 dilution

**Lane 1 :** C6 cell lysate
**Lane 2 :** Raw264.7 cell lysate
**Lane 3 :** PC-12 cell lysate
**Lane 4 :** NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

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

**Predicted band size:** 35 kDa

Blocking buffer: 5% NFDM/TBST

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-C7orf42 antibody [EPR15381] (ab185948)

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

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