

Product datasheet

Anti-TIMMDC1/C3orf1 antibody [EPR11807] ab171978

Recombinant RabMAb

[4 References](#) [4 Images](#)

Overview

Product name	Anti-TIMMDC1/C3orf1 antibody [EPR11807]
Description	Rabbit monoclonal [EPR11807] to TIMMDC1/C3orf1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP Unsuitable for: Flow Cyt or IHC-P
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide within Human TIMMDC1/C3orf1 aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: Q9NPL8
Positive control	THP1, U937, A375, HepG2 whole cell lysate (ab7900) and Human fetal heart tissue lysates; HepG2 cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR11807
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171978 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

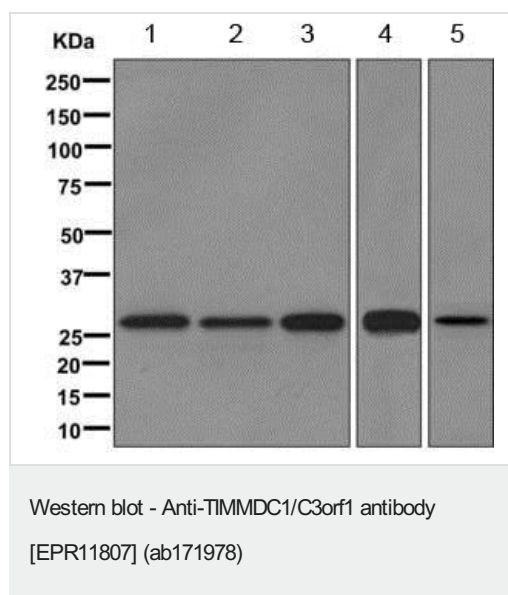
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 32 kDa.
ICC/IF		1/100 - 1/250.
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt or IHC-P.

Target

Tissue specificity Generalized expression enhanced in heart and skeletal muscle.
Sequence similarities Belongs to the Tim17/Tim22/Tim23 family.
Cellular localization Membrane.

Images



All lanes : Anti-TIMMDC1/C3orf1 antibody [EPR11807] (ab171978) at 1/10000 dilution

Lane 1 : THP1 cell lysate

Lane 2 : U937 (Human histiocytic lymphoma cell line) cell lysate

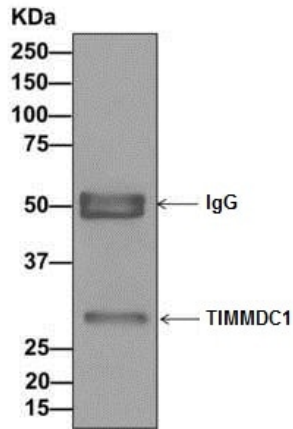
Lane 3 : A375 cell lysate

Lane 4 : HepG2 cell lysate

Lane 5 : Fetal heart tissue lysate

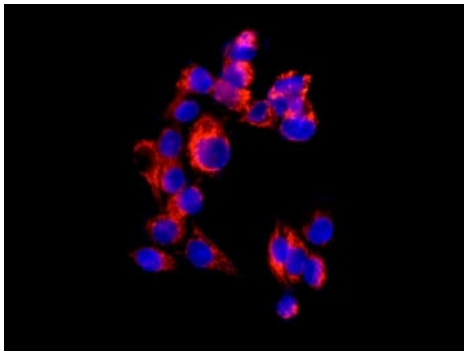
Lysates/proteins at 10 µg per lane.

Predicted band size: 32 kDa



Western blot analysis on immunoprecipitation pellet from A375 cell lysate labeling TIMMDC1/C3orf1 with ab171978 at 1/10 dilution.

Immunoprecipitation - Anti-TIMMDC1/C3orf1 antibody [EPR11807] (ab171978)



Immunofluorescent analysis of HepG2 cells labeling TIMMDC1/C3orf1 with ab171978 at 1/100 dilution (red). DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-TIMMDC1/C3orf1 antibody [EPR11807] (ab171978)

Why choose a recombinant antibody?

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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-TIMMDC1/C3orf1 antibody [EPR11807] (ab171978)

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

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