


## Product datasheet

### Anti-STARD5 antibody [EPR13545(B)] ab178688

Recombinant RabMAb

★★★★★ [1 Abreviews](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-STARD5 antibody [EPR13545(B)]
<b>Description</b>	Rabbit monoclonal [EPR13545(B)] to STARD5
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB, IP <b>Unsuitable for:</b> ICC/IF or IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide within Human STARD5 aa 50-150 (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q9NSY2</a>
<b>Positive control</b>	HepG2, 293T, THP-1, human fetal liver, human fetal kidney and HL-60 lysates. Permeabilized 293T cells. Immunoprecipitation pellet from THP-1 cell lysate.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

#### 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>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13545(B)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab178688 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
<b>Flow Cyt (Intra)</b>		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 24 kDa.
<b>IP</b>		1/10 - 1/100.

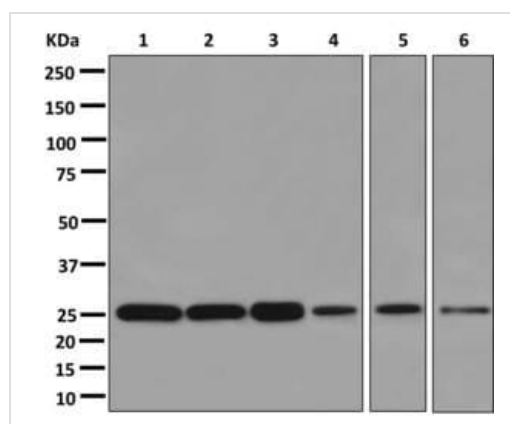
**Application notes** Is unsuitable for ICC/IF or IHC-P.

## Target

**Relevance** STARD5, or START domain containing 5, belongs to a family containing a 200- to 210-amino acid STAR-related lipid transfer (START) domain. STARD5 may be involved in the intracellular transport of sterols or other lipids and may bind cholesterol or other sterols.

**Cellular localization** Cytoplasmic

## Images



Western blot - Anti-STARD5 antibody  
[EPR13545(B)] (ab178688)

**All lanes** : Anti-STARD5 antibody [EPR13545(B)] (ab178688) at 1/1000 dilution

**Lane 1** : HepG2 cell lysate

**Lane 2** : 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 3** : THP-1 lysate

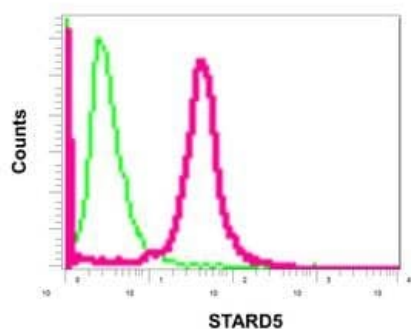
**Lane 4** : Human fetal liver tissue lysate

**Lane 5** : Human fetal kidney tissue lysate

**Lane 6** : HL-60 lysate

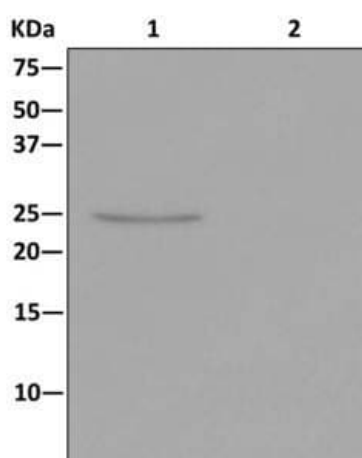
Lysates/proteins at 10 µg per lane.

**Predicted band size:** 24 kDa



Flow Cytometry (Intracellular) - Anti-STARD5 antibody [EPR13545(B)] (ab178688)

Intracellular flow cytometric analysis of permeabilized 293T cells using ab178688 at a 1/10 dilution (red) or a rabbit IgG (negative) (green).



Immunoprecipitation - Anti-STARD5 antibody [EPR13545(B)] (ab178688)

Western blot analysis on immunoprecipitation pellet from (Lane 1) THP-1 cell lysate or (Lane 2) 1X PBS (negative control) using ab178688 at a 1/10 dilution for IP and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG.

### 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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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