


Product datasheet

Anti-TPD52 antibody [EPR14219] ab181260

Recombinant **RabMAb**

[2 References](#) [7 Images](#)

Overview

Product name	Anti-TPD52 antibody [EPR14219]
Description	Rabbit monoclonal [EPR14219] to TPD52
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MCF7, THP1 and Raji cell lysates; Human kidney and liver tissues; MCF7 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14219
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181260 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)		1/10. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 22, 26 kDa (predicted molecular weight: 24 kDa). Based on the immunogen sequence analysis, ab181260 recognizes 4 isoforms with the predicted MW of 24KDa, 20KDa, 26KDa and 22KDa, respectively.
ICC/IF		1/500.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Tissue specificity

Isoform 2 is expressed in colon, breast, prostate, pancreas and kidney tumor cell lines. Isoform 2 is expressed at high levels in kidney, prostate, brain, small intestine and pancreas, at moderate levels in placenta and colon, at low levels in lung, liver and heart, and at very low levels in spleen, thymus, peripheral mononuclear blood cells, testis and ovary.

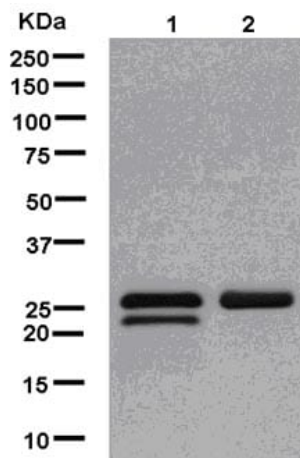
Sequence similarities

Belongs to the TPD52 family.

Developmental stage

Isoform 2 is expressed at lower levels in fetal brain and kidney than in adult brain and kidney.

Images



Western blot - Anti-TPD52 antibody [EPR14219]
(ab181260)

All lanes : Anti-TPD52 antibody [EPR14219] (ab181260) at
1/2000 dilution

Lane 1 : MCF7 cell lysate

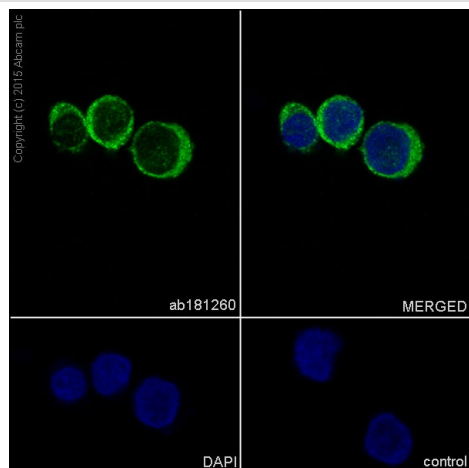
Lane 2 : THP1 cell lysate

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: 24 kDa

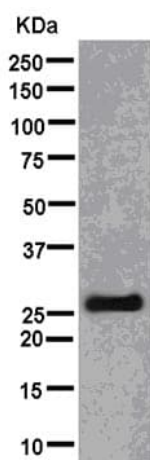


Immunocytochemistry/ Immunofluorescence - Anti-
TPD52 antibody [EPR14219] (ab181260)

Immunocytochemistry/Immunofluorescence analysis of THP-1 cells
labelling TPD52 with ab181260 at 1/1000. Cells were fixed with
100% Paraformaldehyde. **ab150077**, an Alexa Fluor® 488-
conjugated goat anti-rabbit IgG (1/1000) was used as the
secondary antibody.

Control: PBS only.

Nuclear counter stain: DAPI.



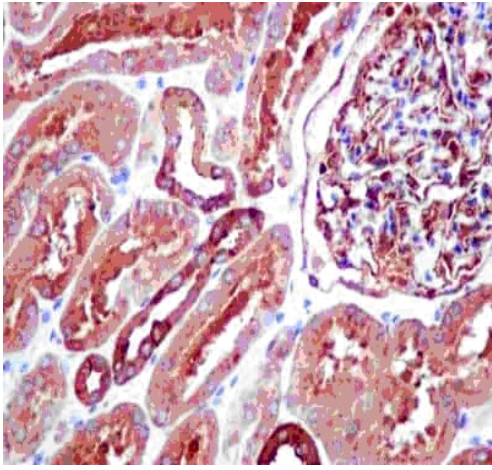
Western blot - Anti-TPD52 antibody [EPR14219]
(ab181260)

Anti-TPD52 antibody [EPR14219] (ab181260) at 1/5000 dilution +
Raji cell lysate at 20 µg

Secondary

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

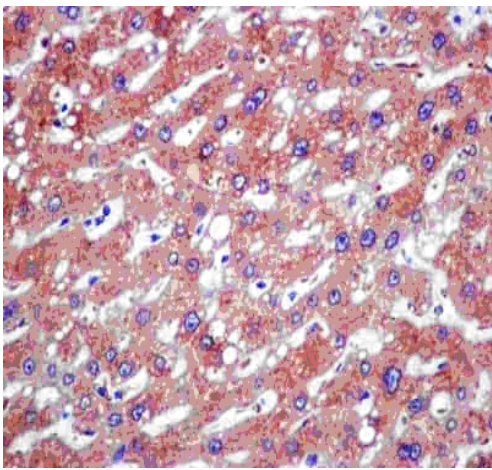
Predicted band size: 24 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPD52 antibody [EPR14219] (ab181260)

Immunohistochemical analysis of paraffin-embedded Human Kidney tissue labeling TPD52 with ab181260 at 1/100 dilution, followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin.

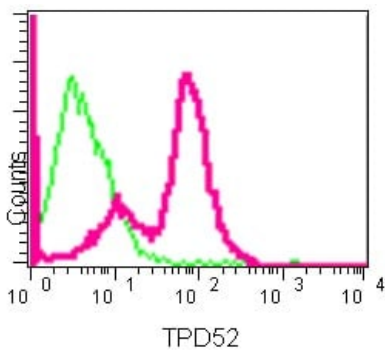
Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TPD52 antibody [EPR14219] (ab181260)

Immunohistochemical analysis of paraffin-embedded Human Liver tissue labeling TPD52 with ab181260 at 1/100 dilution, followed by pre-diluted HRP-conjugated secondary antibody and counter-stained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-TPD52 antibody [EPR14219] (ab181260)

Intracellular flow cytometric analysis of MCF7 cells (2%paraformaldehyde-fixed) labeling TPD52 with ab181260 at 1/10 dilution (red) or a rabbit IgG (negative) (green), followed by Goat anti rabbit IgG (FITC) secondary antibody at 1/150 dilution.

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-TPD52 antibody [EPR14219] (ab181260)

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

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