

Anti-MRPS27 antibody ab153940

3 Images

Overview

Product name	Anti-MRPS27 antibody
Description	Rabbit polyclonal to MRPS27
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-153 of Human MRPS27 (UniProt: Q92552).
Positive control	A549, HeLa, HepG2 and HCT116 whole cell lysates; HeLa cells; Human colon carcinoma tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.00</p> <p>Preservative: 0.01% Thimerosal (merthiolate)</p> <p>Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol (glycerin, glycerine)</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab153940 in the following tested applications.

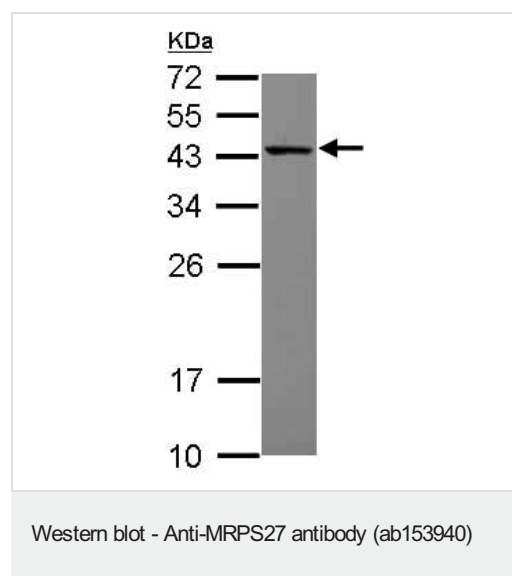
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 48 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100 - 1/1000.

Target

Sequence similarities	Contains 2 PPR (pentatricopeptide) repeats.
Cellular localization	Mitochondrion.

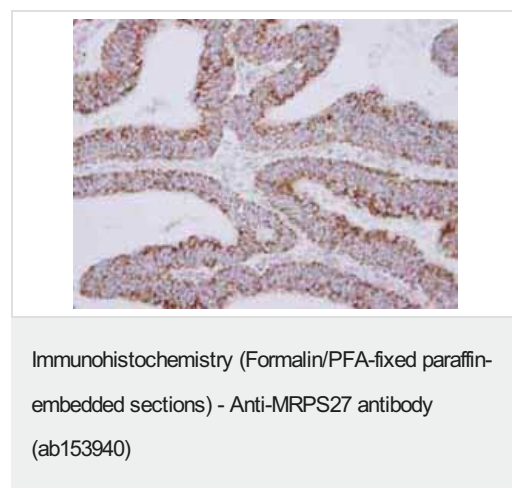
Images



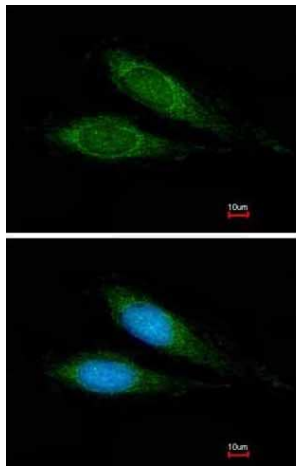
Anti-MRPS27 antibody (ab153940) at 1/1000 dilution + HeLa whole cell lysate at 30 µg

Predicted band size: 48 kDa

12% SDS PAGE



Immunohistochemistry analysis of paraffin-embedded Human Colon carcinoma tissue labeling MRPS27 with ab153940 at 1/250 dilution.



Immunofluorescent analysis of methanol-fixed HeLa cells labeling MRPS27 with ab153940 at 1/200 dilution. Lower image shows cells co-stained with Hoechst 33342.

Immunocytochemistry/ Immunofluorescence - Anti-MRPS27 antibody (ab153940)

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

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