

Product datasheet

HRP Anti-Cyclophilin F antibody [EPR11311-121] ab305463

Recombinant RabMAb

[1 Image](#)

Overview

Product name	HRP Anti-Cyclophilin F antibody [EPR11311-121]
Description	HRP Rabbit monoclonal [EPR11311-121] to Cyclophilin F
Host species	Rabbit
Conjugation	HRP
Tested applications	Suitable for: Antibody labelling, Target binding affinity
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>This conjugated primary antibody is released using a quantitative quality control method that evaluates binding affinity post-conjugation and efficiency of antibody labeling.</p> <p>For suitable applications and species reactivity, please refer to the unconjugated version of this clone. This conjugated antibody is eligible for Abtrial: learn more here.</p> <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. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% Proclin 300 Solution Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, 68% PBS
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR11311-121
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab305463 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
Antibody labelling		Use at an assay dependent concentration.
Target binding affinity		Use at an assay dependent concentration.

Target

Function PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.


Sequence similarities Belongs to the cyclophilin-type PPlase family.
Contains 1 PPlase cyclophilin-type domain.

Cellular localization Mitochondrion matrix.


Form This gene encodes a 178 aa mature protein that is found in the mitochondrion and may participate in the permeability transition pore. While technically this protein is Cyclophilin F, literature references commonly refer to this protein as 'cyclophilin D' or 'CypD'. A different cytoplasmic protein of 370 aa, represented by Entrez GeneID 5481, is identified as Cyclophilin D. This antibody does not react with this 370 aa cytoplasmic protein.

Images


Why choose a recombinant conjugated antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Guaranteed long-term performance
Quantitative quality control

HRP Anti-Cyclophilin F antibody [EPR11311-121]
(ab305463)

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

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