abcam

Product datasheet

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



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

This **conjugated primary antibody** is released using a quantitative quality control method that

 $evaluates\ binding\ affinity\ post-conjugation\ and\ efficiency\ of\ antibody\ labeling.$

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**.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- 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.

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

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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.

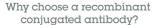
Form This gene encodes a 178 aa mature protein that is found in the mitochondrion and may

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 GenelD 5481, is identified as Cyclophilin D.

This antibody does not react with this 370 aa cytoplasmic protein.

Images









HRP Anti-Cyclophilin F antibody [EPR11311-121]

(ab305463)

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