

Datasheet for ABIN7166884  
**anti-MEFV antibody (AA 268-374)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	MEFV
Binding Specificity:	AA 268-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEFV antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Pyrin protein (268-374AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	MEFV
Alternative Name:	MEFV ( <a href="#">MEFV Products</a> )
Background:	Background: Involved in the regulation of innate immunity and the inflammatory response in response to IFNG/IFN-gamma. Organizes autophagic machinery by serving as a platform for

## Target Details

the assembly of ULK1, Beclin 1/BECN1, ATG16L1, and ATG8 family members and recognizes specific autophagy targets, thus coordinating target recognition with assembly of the autophagic apparatus and initiation of autophagy. Acts as an autophagy receptor for the degradation of several inflammasome components, including CASP1, NLRP1 and NLRP3, hence preventing excessive IL1B- and IL18-mediated inflammation (PubMed:16785446, PubMed:17431422, PubMed:26347139). However, it may also have a positive effect in the inflammatory pathway. In different experimental systems, it has been shown to activate IL1B production (PubMed:16037825). It has also been shown to be required for PSTPIP1-induced PYCARD oligomerization and for formation of inflammasomes. Recruits PSTPIP1 to inflammasomes, and is required for PSTPIP1 oligomerization (PubMed:10807793, PubMed:11468188, PubMed:17964261, PubMed:18577712, PubMed:19109554, PubMed:19584923).

Aliases: FMF antibody, Marenostrin antibody, Mediterranean fever antibody, Mediterranean fever protein antibody, MEF antibody, Mefv antibody, MEFV\_HUMAN antibody, Pyrin antibody, TRIM20 antibody

UniProt: [O15553](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

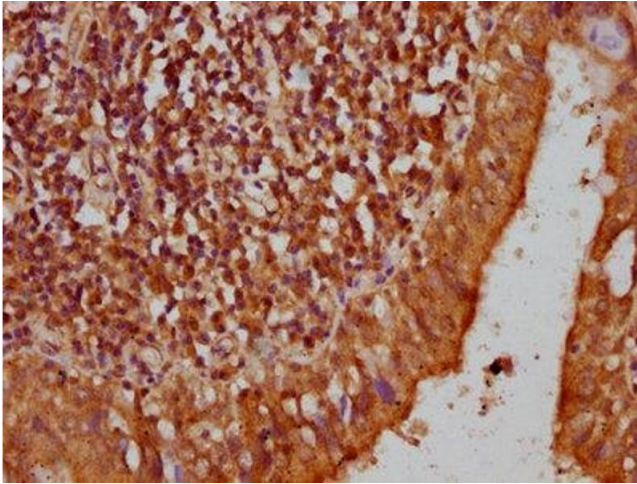
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7166884 diluted at 1:200 and staining in paraffin-embedded human lung tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.