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Datasheet for ABIN7174510
anti-UFM1 antibody (AA 11-63) (FITC)

Overview

Quantity:	100 µg
Target:	UFM1
Binding Specificity:	AA 11-63
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UFM1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Ubiquitin-fold modifier 1 protein (11-63AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	UFM1
Alternative Name:	UFM1 (UFM1 Products)
Background:	Background: Ubiquitin-like modifier which can be covalently attached via an isopeptide bond to substrate proteins as a monomer or a lysine-linked polymer. The so-called ufmylation, requires

Target Details

the UFM1-activating E1 enzyme UBA5, the UFM1-conjugating E2 enzyme UFC1, and the UFM1-ligase E3 enzyme UFL1 (PubMed:15071506, PubMed:20018847). This post-translational modification on lysine residues of proteins may play a crucial role in a number of cellular processes. TRIP4 ufmylation may for instance play a role in nuclear receptors-mediated transcription (PubMed:25219498). Other substrates may include DDRGK1 with which it may play a role in the cellular response to endoplasmic reticulum stress (Probable).

Aliases: BM 002 antibody, BM002 antibody, C13orf20 antibody, Chromosome 13 open reading frame 20 antibody, Ubiquitin fold modifier 1 antibody, Ubiquitin-fold modifier 1 antibody, UFM1 antibody, UFM1_HUMAN antibody

UniProt: [P61960](#)

Application Details

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.