

Anti-MARCH9 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 38 kDa. Actual: 38 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Blank control: Hela (blue), the cells were fixed with 2% paraformaldehyde (10 min) Isotype Control Antibody: Rabbit IgG (orange); Secondary Antibody: Goat anti-rabbit IgG-FITC (white blue), Dilution: 1: 200 in 1 X PBS containing 0.5% BSA; Primary Antibody Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA (green). 2. Sample: MCF-7 (Human) Cell Lysate at 40 µg Primary: Anti-MARCH9 (TMAB-08612) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD Observed band size: 38 kD
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human MARCH9
Antigen Species:	Human
Gene ID:	92979
Uniprot ID:	Q86YJ5

Research Background

Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitin-activating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). MARCH9 (membrane-associated ring finger (C3HC4) 9), also known as RNF179, is a 346 amino acid multi-pass membrane protein that localizes to the golgi apparatus and contains one RING-CH-type zinc finger. Expressed ubiquitously, MARCH9 exists as a homodimer and functions as an E3 ubiquitin-protein ligase that accepts a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and is thought to promote the degradation of target proteins, such as CD4 and MHC-I. Multiple isoforms of MARCH9 exist due to alternative splicing events.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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