

Datasheet for ABIN500234  
**anti-MARCH8 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.1 mg
Target:	MARCH8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	MARCH8 antibody was raised against a 17 amino acid peptide from near the carboxy terminus of human MARCH8.
Isotype:	IgG
Specificity:	This antibody detects MARCH8.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Peptide affinity chromatography

## Target Details

Target:	MARCH8
Alternative Name:	MARCH8 ( <a href="#">MARCH8 Products</a> )
Background:	MARCH8 (c-MIR) is a novel E3 ubiquitin ligase designated as the modulator of immune

## Target Details

recognition (MIR) family, whose catalytic domain is a variant RING domain (RING-CH domain). MARCH8 was found as a functional and structural homolog of KSHV MIR1 and MIR2. MARCH8 targets B7-2 to lysosomal degradation and down-regulates the B7-2 surface expression through ubiquitination of its cytoplasmic tail. Furthermore, MARCH8 has been shown to down-regulate the expression of transferrin receptor and Fas, an important molecule for the induction of apoptosis. MARCH8 is the first example of an E3 ubiquitin ligase that is capable of inhibiting MHC II expression. Recent findings suggest that MARCH8 may regulate immune responses by promoting ubiquitination of MHC-II and CD86, leading to their subsequent endocytosis and lysosomal degradation. Synonyms: Cellular modulator of immune recognition, E3 ubiquitin-protein ligase MARCH8, MARCH-VIII, Membrane-associated RING finger protein 8, RING finger protein 178, RNF178, c-MIR

Gene ID: 220972

NCBI Accession: [NP\\_659458](#)

UniProt: [Q5T0T0](#)

## Application Details

Application Notes: ELISA. Western blot: 0.5 - 1 µg/mL. Immunocytochemistry.  
Other applications not tested.  
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

## Handling

Buffer: PBS containing 0.02 % sodium azide

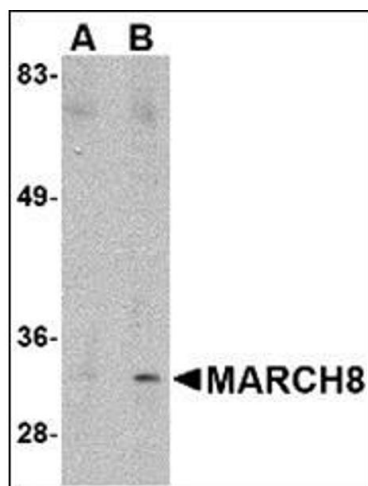
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

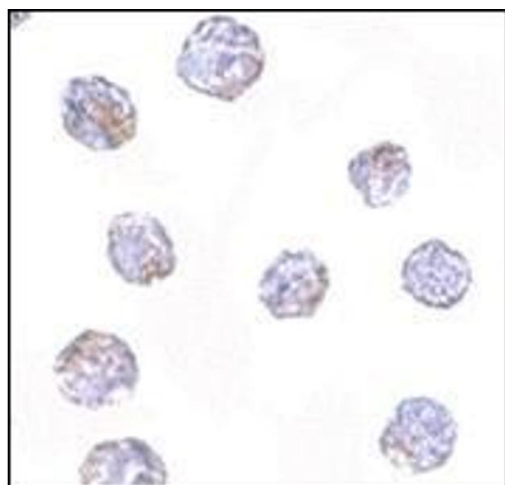
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** Western blot analysis of MARCH8 in HeLa cell lysate with this product at (A) 0.5 µg/ml and (B) 1 µg/ml.



#### Immunofluorescence

**Image 2.** Immunocytochemistry of MARCH8 in HeLa cells with this product at 2.5 µg/ml.