

Datasheet for ABIN653847

**anti-MARCO antibody (AA 13-40)****3** Images**2** Publications[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	MARCO
Binding Specificity:	AA 13-40
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARCO antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This MARCO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-40 amino acids of human MARCO.
Clone:	RB24662
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MARCO
Alternative Name:	MARCO ( <a href="#">MARCO Products</a> )

## Target Details

Background:	MARCO is a member of the class A scavenger receptor family and is part of the innate antimicrobial immune system. The protein may bind both Gram-negative and Gram-positive bacteria via an extracellular, C-terminal, scavenger receptor cysteine-rich (SRCR) domain. In addition to short cytoplasmic and transmembrane domains, there is an extracellular spacer domain and a long, extracellular collagenous domain. The protein may form a trimeric molecule by the association of the collagenous domains of three identical polypeptide chains.
Molecular Weight:	52658
Gene ID:	8685
NCBI Accession:	<a href="#">NP_006761</a>
UniProt:	<a href="#">Q9UEW3</a>
Pathways:	<a href="#">Activation of Innate immune Response</a>

## Application Details

Application Notes:	WB: 1:500. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

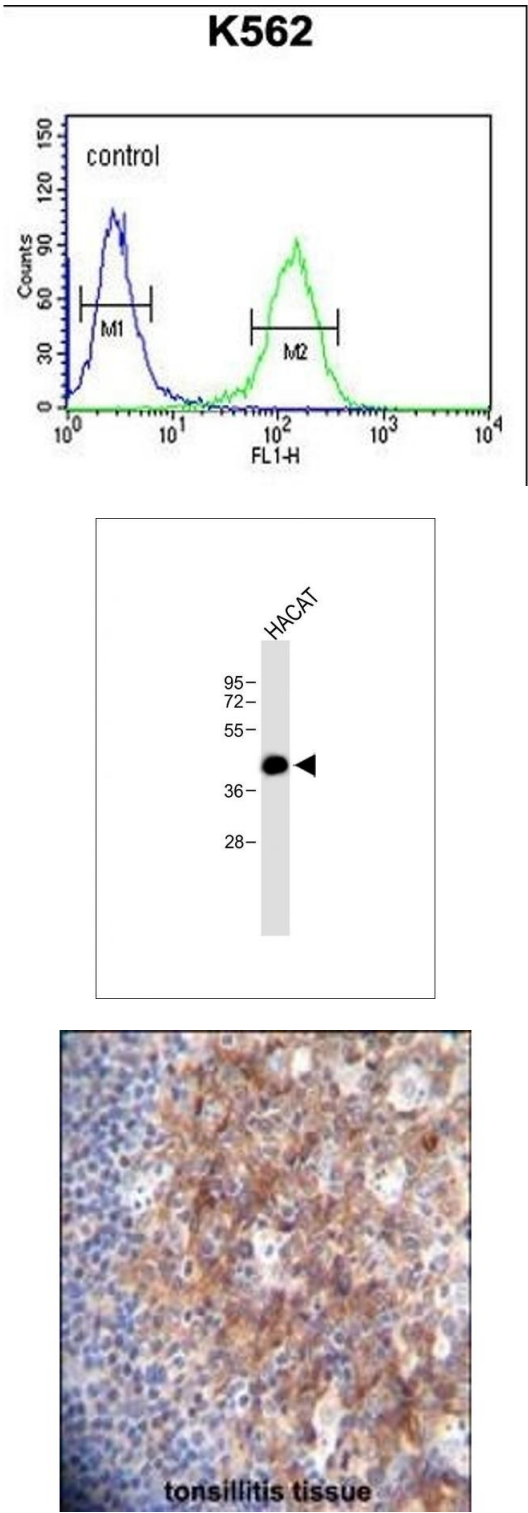
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

## Publications

Product cited in:	Gispert, Parganlija, Klinkenberg, Dröse, Wittig, Mittelbronn, Grzmil, Koob, Hamann, Walter, Büchel, Adler, Hrabé de Angelis, Busch, Zell, Reichert, Brandt, Osiewacz, Jendrach, Auburger: "
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Loss of mitochondrial peptidase Clpp leads to infertility, hearing loss plus growth retardation via accumulation of CLPX, mtDNA and inflammatory factors." in: **Human molecular genetics**, Vol. 22, Issue 24, pp. 4871-87, (2013) ([PubMed](#)).



**Flow Cytometry**

**Image 1.** RCO Antibody (N-term) ABIN653847 flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**Western Blotting**

**Image 2.** Anti-RCO Antibody (N-term) at 1:500 dilution + HACAT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 53 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** RCO Antibody (N-term) A immunohistochemistry analysis in forlin fixed and paraffin embedded hun tonsillitis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of RCO Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.