

Datasheet for ABIN2776891
anti-MARCO antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	MARCO
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MARCO antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human MARCO
Sequence:	GPAGVKGEQG SPGLAGPKGA PGQAGQKGDQ GVKGSSGEQG VKGEKGERGE
Predicted Reactivity:	Horse: 86%, Human: 100%, Mouse: 85%, Rat: 85%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against MARCO. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MARCO
Alternative Name:	MARCO (MARCO Products)

Target Details

Background:	<p>The protein encoded by this gene 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.</p> <p>Alias Symbols: SCARA2</p> <p>Protein Interaction Partner: SCGB3A2, SCGB3A1,</p> <p>Protein Size: 520</p>
Molecular Weight:	53 kDa
Gene ID:	8685
NCBI Accession:	NM_006770 , NP_006761
UniProt:	Q9UEW3
Pathways:	Activation of Innate immune Response

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 520 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-MARCO
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500
Positive Control: COLO205 cell lysate
MARCO is supported by BioGPS gene expression data to be expressed in COLO205

Western Blotting

Image 2. WB Suggested Anti-MARCO Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control:
COLO205 cell lysate MARCO is supported by BioGPS gene
expression data to be expressed in COLO205