

## **Product datasheet for TA346120**

# **MARCO Rabbit Polyclonal Antibody**

### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-MARCO antibody: synthetic peptide directed towards the C terminal

of human MARCO. Synthetic peptide located within the following region: GPAGVKGEQGSPGLAGPKGAPGQAGQKGDQGVKGSSGEQGVKGEKGERGE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 53 kDa

**Gene Name:** macrophage receptor with collagenous structure

Database Link: NP 006761

Entrez Gene 8685 Human

Q9UEW3



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**Background:** 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.

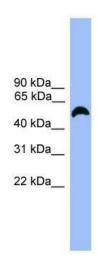
Synonyms: SCARA2

Note: Immunogen Sequence Homology: Human: 100%; Zebrafish: 92%; Horse: 86%; Rat: 85%;

Mouse: 85%

**Protein Families:** Druggable Genome, Transmembrane

## **Product images:**



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