

## Anti-MARCO Polyclonal Antibody

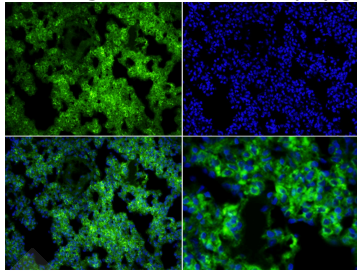
## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,GuineaPig)
Molecular Weight:	Theoretical: 53 kDa.
Purification:	Protein A purified

## Applications

## Verified Activity:

Tissue/cell: mouse lung tissue;4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Blocking buffer  
(normal goat serum) at 37°C for 20 min;  
Incubation: Anti-MARCO Polyclonal Antibody, Unconjugated (TMAB-01105-FITC) 1:100,  
overnight at 4°C; DAPI (5 µg/ml,blue) was used to stain the cell nucleus.



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

## Properties

Stability & Storage:	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 MARCO
Antigen Species:	Human
Gene ID:	8685
Uniprot ID:	Q9UEW3
Synonyms:	AI323439;MARCO;Ly112;SCARA2
Biology Area:	Antiviral Signaling,Macrophage / Inflamm.,Defensin

## Research 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

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protein may form a trimeric molecule by the association of the collagenous domains of three identical polypeptide chains. [provided by RefSeq].

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