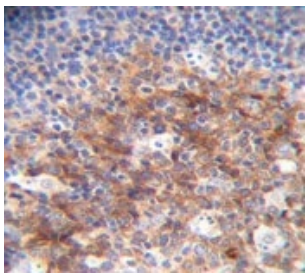
MARCO Antibody / SCARA2 (F55070)

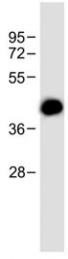
Catalog No.	Formulation	Size
F55070-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F55070-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

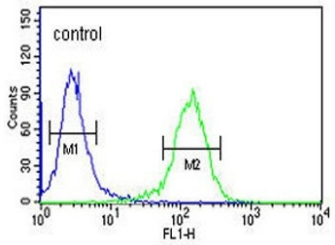
Availability	1-2 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9UEW3
Localization	Membrane, cytoplasm
Applications	Western Blot : 1:250-1:500 Flow Cytometry : 1:10-1:50 Immunohistochemisty (FFPE) : 1:50-1:100
Limitations	This MARCO antibody is available for research use only.



IHC staining of FFPE human tonsillitis tissue with MARCO antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HACAT cell lysate with MARCO antibody. Predicted molecular weight ~53 kDa and ~44 kDa (two isoforms).



Flow cytometry testing of fixed and permeabilized human K562 cells with MARCO antibody; Blue=isotype control, Green= MARCO antibody.

Description

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.

Application Notes

Titration of the MARCO antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 13-40 from the human protein was used as the immunogen for this MARCO antibody.

Storage

Aliquot the MARCO antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com