

# ICAM-1 Monoclonal Antibody (15.2)

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Pig, Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	15.2
Conjugate	Unconjugated
Immunogen	Human monocytes
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C
RRID	AB_10985637

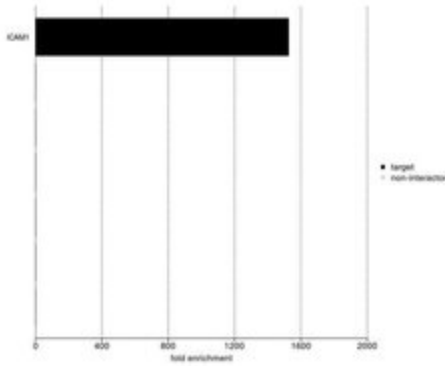
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	10 µL	-
Immunohistochemistry (Frozen) (IHC (F))	Assay Dependent	-
ELISA (ELISA)	-	1 Publication
Immunocytochemistry (ICC)	-	1 Publication
Immunohistochemistry (IHC)	-	4 Publications
Neutralization (Neu)	-	1 Publication

## Product Specific Information

MA5-11569 targets CD54 in FACS and IHC (F) applications and shows reactivity with Human samples.

The MA5-11569 immunogen is human monocytes.

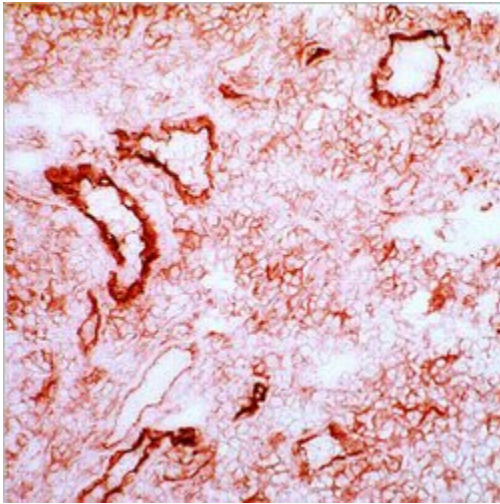
## Advanced Verification Data



### ICAM-1 Antibody (MA5-11569)

IP-MS enrichment of ICAM1 (LFQ intensity): ICAM1 was enriched 1526-fold from HS 578T lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and ICAM1 antibody (Product # MA5-11569). The STRING database ([www.string-db.org](http://www.string-db.org)) was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. IP-MS validation info.

## Product Images For ICAM-1 Monoclonal Antibody (15.2)



### ICAM-1 Antibody (MA5-11569) in IHC

Frozen human tonsil section stained with CD54 antibody using UltraVision LP and AEC chromogen. Note membrane staining of endothelial cells and activated cells.

## Immunohistochemistry (4)

Atherosclerosis

### Nitric oxide improves molecular imaging of inflammatory atheroma using targeted echogenic immunoliposomes.

"MA5-11569 was used in immunohistochemistry to study the use of NO pretreatment of targeted echogenic immunoliposomes to improve atheroma penetration and visualization in imaging studies"

Authors: Kim H, Kee PH, Rim Y, Moody MR, Klegerman ME, Vela D, Huang SL, McPherson DD, Laing ST

**Species**  
Pig

**Dilution**  
Not Cited

**Year**  
2013

Archives of gynecology and obstetrics

### Expression of intercellular adhesion molecule-1 in umbilical and placental vascular tissue of gestational diabetic and normal pregnancies.

"MA5-11569 was used in immunohistochemistry to examine the expression of intercellular adhesion molecule-1 in vascular tissue during pregnancy"

Authors: Kurt M, Zulfikaroglu E, Ucankus NL, Omeroglu S, Ozcan U

**Species**  
Human

**Dilution**  
1:5000

**Year**  
2010

[View more IHC references on thermofisher.com](#)

## Immunocytochemistry (1)

The Journal of investigative dermatology

### Novel anti-inflammatory properties of the angiogenesis inhibitor vasostatin.

"MA5-11569 was used in immunocytochemistry to investigate the anti-inflammatory effect of angiogenesis inhibitor vasostatin"

Authors: Huegel R, Velasco P, De la Luz Sierra M, Christophers E, Schröder JM, Schwarz T, Tosato G, Lange-Asschenfeldt B

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2007

## ELISA (1)

Journal of liposome research

### Use of thermodynamic coupling between antibody-antigen binding and phospholipid acyl chain phase transition energetics to predict immunoliposome targeting affinity.

"MA5-11569 was used in ELISA to study the use of thermodynamic analysis of antibody-antigen interactions and phospholipid phase transitions to better predict the targeting affinity of immunoliposomes"

Authors: Klegerman ME, Zou Y, Golunski E, Peng T, Huang SL, McPherson DD

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2014

## More applications with references on thermofisher.com

## Neu (1)

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