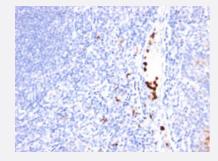


## MYADM monoclonal antibody, clone MYADM/971

Catalog # MAB14420 Size 100 ug

## **Applications**



# Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with MYADM monoclonal antibody, clone MYADM/971 (Cat # MAB14420).

Specification	
Product Description	Mouse monoclonal antibody raised against full length recombinant human MYADM.
Immunogen	Recombinant protein corresponding to full length human MYADM.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	lgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.



#### **Product Information**

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## **Applications**

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
  - Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with MYADM monoclonal antibody, clone MYADM/971 (Cat # MAB14420).
- Immunofluorescence
- Flow Cytometry

Gene Info — MYADM	
Entrez GeneID	<u>91663</u>
Protein Accession#	<u>Q96S97</u>
Gene Name	MYADM
Gene Alias	SB135
Gene Description	myeloid-associated differentiation marker
Omim ID	609959
Gene Ontology	<u>Hyperlink</u>
Other Designations	myeloid upregulated protein

### **Publication Reference**

MYADM controls endothelial barrier function through ERM-dependent regulation of ICAM-1 expression.

Aranda JF, Reglero-Real N, Marcos-Ramiro B, Ruiz-Sáenz A, Fernández-Martín L, Bernabé-Rubio M, Kremer L, Ridley AJ, Correas I, Alonso MA, Millán J.

Molecular Biology of the Cell 2013 Feb; 24(4):483.





MYADM regulates Rac1 targeting to ordered membranes required for cell spreading and migration.

Aranda JF, Reglero-Real N, Kremer L, Marcos-Ramiro B, Ruiz-Sáenz A, Calvo M, Enrich C, Correas I, Millán J, Alonso MA. Molecular Biology of the Cell 2011 Apr; 22(8):1252.

 Membrane protein hMYADM preferentially expressed in myeloid cells is up-regulated during differentiation of stem cells and myeloid leukemia cells.

Wang Q, Li N, Wang X, Shen J, Hong X, Yu H, Zhang Y, Wan T, Zhang L, Wang J, Cao X. Life Sciences 2007 Jan; 80(5):420.

 Cloning of human myeloid-associated differentiation marker (MYADM) gene whose expression was upregulated in NB4 cells induced by all-trans retinoic acid.

Cui W, Yu L, He H, Chu Y, Gao J, Wan B, Tang L, Zhao S. Molecular Biology Reports 2001 Sep; 28(3):123.

• <u>Isolation of MYADM, a novel hematopoietic-associated marker gene expressed in multipotent progenitor cells and up-regulated during myeloid differentiation.</u>

Pettersson M, Dannaeus K, Nilsson K, Jönsson JI.

Journal of Leukocyte Biology 2000 Mar; 67(3):423.