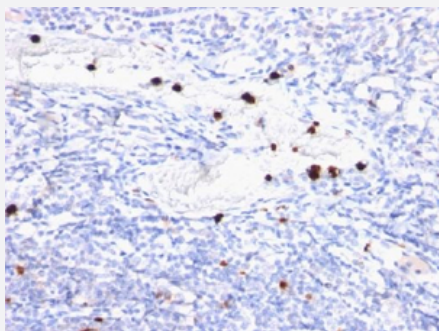


MYADM monoclonal antibody, clone MYADM/972

Catalog # MAB14707 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with MYADM monoclonal antibody, clone MYADM/972 (Cat # MAB14707).

Specification

Product Description	Mouse monoclonal antibody raised against human MYADM.
Immunogen	Recombinant protein corresponding to human MYADM.
Host	Mouse
Reactivity	Human
Specificity	Recognizes a myeloid associated differentiation antigen in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell type in human tissues.
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (1-2 ug/million cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes) The optimal working dilution should be determined by the end user.

Storage Buffer	In 10 mM PBS.
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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with MYADM monoclonal antibody, clone MYADM/972 (Cat # MAB14707).

- Immunofluorescence

- Flow Cytometry

Gene Info — MYADM

Entrez GeneID	91663
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Protein Accession#	Q96S97
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Gene Name	MYADM
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Gene Alias	SB135
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Gene Description	myeloid-associated differentiation marker
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Omim ID	609959
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Gene Ontology	Hyperlink
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Other Designations	myeloid upregulated protein
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Publication Reference

- [MYADM controls endothelial barrier function through ERM-dependent regulation of ICAM-1 expression.](#)

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- [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 up-regulated 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.
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- [Isolation of MYADM, a novel hematopoietic-associated marker gene expressed in multipotent progenitor cells and up-regulated during myeloid differentiation.](#)

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