

**Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone MYADM/971 ]**  
**Catalog # AH12602**

**Specification**

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**Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide -**  
**Product Information**

Application	IHC, IF, FC
Primary Accession	<a href="#">Q96S97</a>
Other Accession	<a href="#">91663</a> , <a href="#">380906</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1
Calculated MW	Unknown KDa

**Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide -**  
**Additional Information**

**Gene ID** 91663

**Other Names**

Myeloid-associated differentiation marker, Protein SB135, MYADM

**Application Note**

IHC~~1:100~500</span><br \><span class  
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_FC">FC~~1:10~50</span>

**Storage**

Store at 2 to 8°C.Antibody is stable for 24 months.

**Precautions**

Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide -**  
**Protein Information**

**Name** MYADM

**Cellular Location**

Membrane; Multi-pass membrane protein

**Tissue Location**

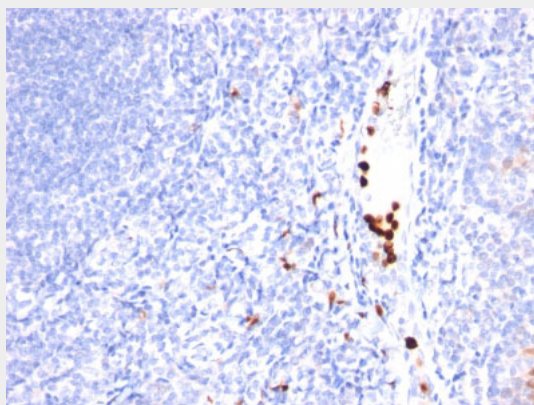
Widely expressed. Not detected in thymus.

## **Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide - Images**



Formalin-fixed, paraffin-embedded human Tonsil stained with MYADM Monoclonal Antibody (MYADM/971).

## **Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide - Background**

Recognizes a myeloid associated differentiation antigen in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell type in human tissues. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. It reacts with early precursor and mature forms of human and monkey myeloid cells. This MAb is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes.

## **Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide - References**

Membrane protein hMYADM preferentially expressed in myeloid cells is up-regulated during differentiation of stem cells and myeloid leukemia cells. Wang Q, et al. Life Sci, 2007 Jan 9. PMID 17097684 | 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, et al. Mol Biol Rep, 2001. PMID 12075932 | MYADM controls endothelial barrier function through ERM-dependent regulation of ICAM-1 expression. Aranda JF, et al. Mol Biol Cell, 2013 Feb. PMID 23264465 | MYADM regulates Rac1 targeting to ordered membranes required for cell spreading and migration. Aranda JF, et al. Mol Biol Cell, 2011 Apr 15. PMID 21325632 | Isolation of MYADM, a novel hematopoietic-associated marker gene expressed in multi-potent progenitor cells and up-regulated

during myeloid differentiation. Pettersson M, et al. J Leukoc Biol, 2000 Mar. PMID 1073310