

Myeloid-Associated Differentiation Marker (MYADM) Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone MYADM/972]
Catalog # AH12605

Specification

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

Application	IHC, IF, FC
Primary Accession	Q96S97
Other Accession	91663 , 380906
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
IF~~1:50~200
FC~~1:10~50

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

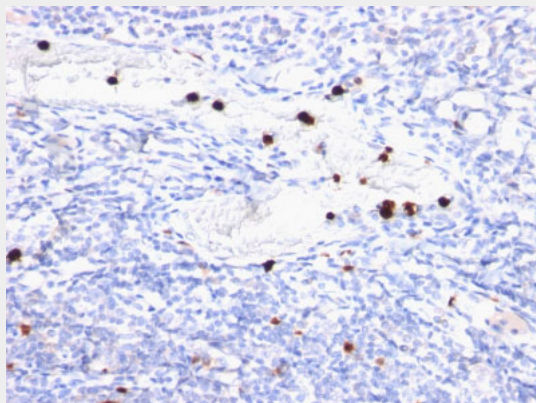
Widely expressed. Not detected in thymus.

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/972).

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