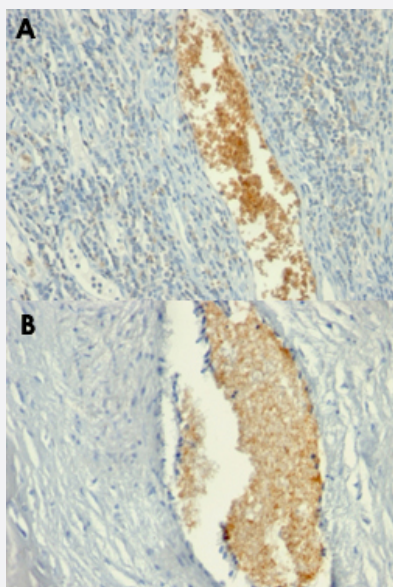


AMPD3 monoclonal antibody, clone AMPD3/901

Catalog # MAB13288 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A) and human placenta (B) with AMPD3 monoclonal antibody, clone AMPD3/901 (Cat # MAB13288).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human AMPD3.
Immunogen	Recombinant protein corresponding to full length human AMPD3.
Host	Mouse
Theoretical MW (kDa)	~90
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG2b, kappa

Recommend Usage

Flow Cytometry (1-2 ug/10⁶ cells in 0.1 mL)
Immunocytochemistry (1-2 ug/mL)
Immunofluorescence (0.5-1 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-4 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer

In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil (A) and human placenta (B) with AMPD3 monoclonal antibody, clone AMPD3/901 (Cat # MAB13288).

- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

Gene Info — AMPD3

Entrez GeneID

[272](#)

Protein Accession#

[Q01432](#)

Gene Name

AMPD3

Gene Alias

-

Gene Description

adenosine monophosphate deaminase (isoform E)

Omim ID

[102772](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the AMP deaminase gene family. The encoded protein is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. This gene encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

Other Designations

AMP aminohydrolase|AMP deaminase 3|adenosine monophosphate deaminase 3|erythrocyte type AMP deaminase|erythrocyte-specific AMP deaminase|myoadenylate deaminase

Pathway

- [Biosynthesis of plant hormones](#)
- [Metabolic pathways](#)
- [Purine metabolism](#)

Disease

- [Tobacco Use Disorder](#)