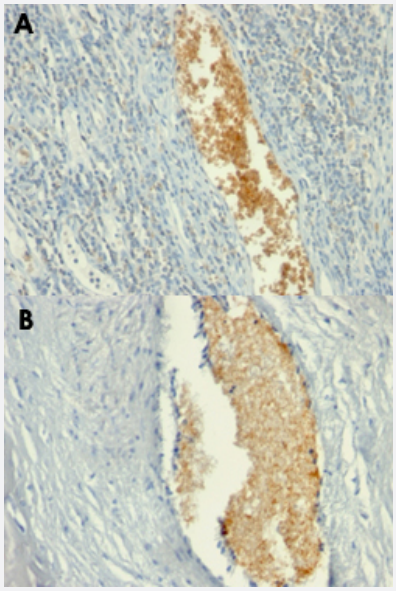
AMPD3 monoclonal antibody, clone AMPD3/901

Catalog # MAB13287 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 # MAB13287).

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/10^6 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 (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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 # MAB13287).

- 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 highl y regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to ino sine monophosphate, a branch point in the adenylate catabolic pathway. This gene encodes the e rythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in mus cle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal rec essive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants e ncoding different isoforms of this gene have been described. [provided by RefSeq
Other Designations	AMP aminohydrolase|AMP deaminase 3|adenosine monophosphate deaminase 3|erythrocyte ty pe AMP deaminase|erythrocyte-specific AMP deaminase|myoadenylate deaminase

Pathway

- Biosynthesis of plant hormones
- Metabolic pathways
- Purine metabolism

Disease

- Tobacco Use Disorder