

## DATASHEET

# ALPP Mouse Monoclonal Antibody(C3439)

CAT. NO. AMA03051

### KEY FEATURES

Target	ALPP	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.		Storage at-20°C

### BACKGROUND

Alkaline phosphatase that can hydrolyze various phosphate compounds.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:50 - 1:100

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

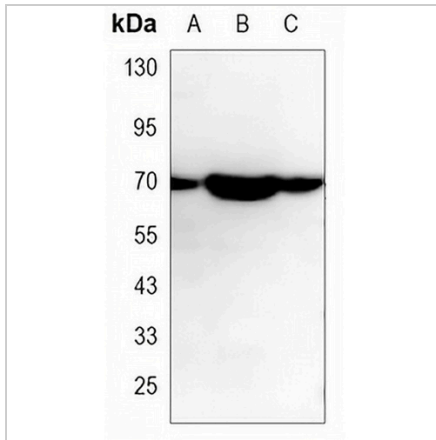
Description	Mouse monoclonal antibody to ALPP
Specificity	Recognizes endogenous levels of ALPP protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant fragment of human ALPP expressed in E. Coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 58 kD; Observed: 70 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	PLAP; Alkaline phosphatase placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1
Gene Symbol	ALPP
Entrez Gene	250(Human)
SwissProt	P05187(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

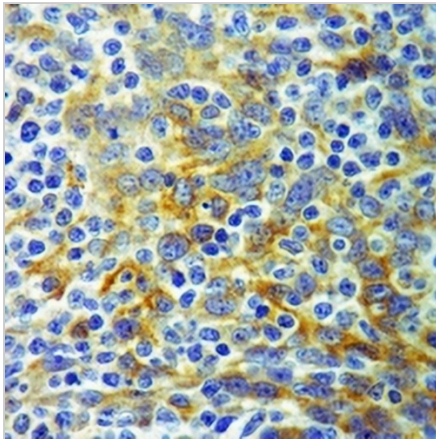
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of ALPP expression in HepG2 (A), A431 (B), MCF7 (C) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 70 kD)



Immunohistochemical analysis of ALPP staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.