

**Product Name: Placental Alkaline Phosphatase Mouse
Monoclonal Antibody
Catalog #: AMM03706**



Summary

Production Name	Placental Alkaline Phosphatase Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Ascitic Fluid

Immunogen

Gene Name	ALPP
Alternative Names	ALPP; PLAP; Alkaline phosphatase; placental type; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1
Gene ID	250
SwissProt ID	P05187

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 70 kDa

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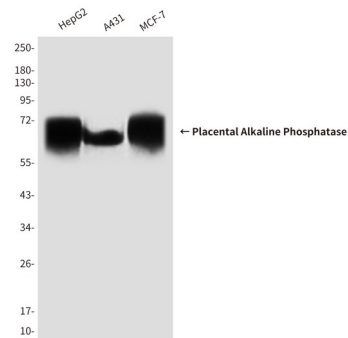
Background

PLAP may assist in guiding migratory cells and transporting specific molecules, such as fatty acids and immunoglobulins, across the plasma membrane. The three tissue-specific APs identified in human, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous and their genes are clustered on chromosome 2q.

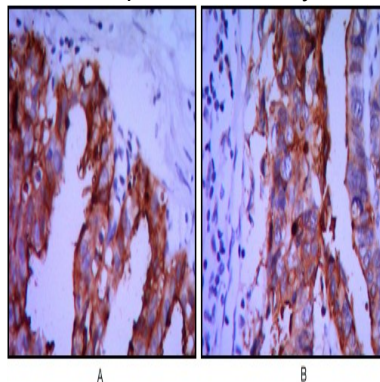
Research Area

Tags & Cell Markers

Image Data

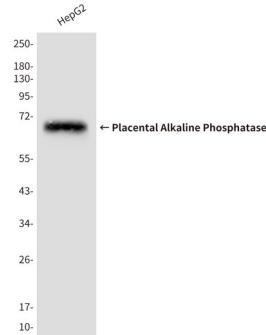


Western blot analysis of Placental Alkaline Phosphatase in HepG2 , A431 and MCF-7 lysates using Placental Alkaline Phosphatase antibody.

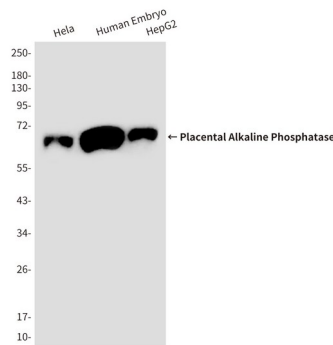


Immunohistochemical analysis of paraffin-embedded Human tonsils using Placental Alkaline Phosphatase antibody, with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Western blot analysis of Placental Alkaline Phosphatase in HepG2 lysates using Placental Alkaline Phosphatase antibody



Western blot analysis of Placental Alkaline Phosphatase in HeLa, Human Embryo, HepG2 lysates using Placental Alkaline Phosphatase antibody.

Note

For research use only.