Product Name: ALPI Mouse Monoclonal Antibody
Catalog #: AMM83075
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	56.8kDa

Antigen Information

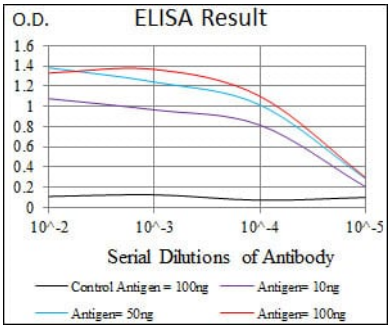
Gene Name	ALPI
Alternative Names	IAP
Gene ID	248.0
SwissProt ID	P09923
Immunogen	Purified recombinant fragment of human ALPI (AA: 397-458) expressed in E. Coli.

Background

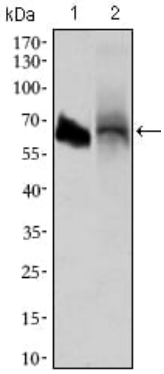
There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is upregulated during small intestinal epithelial cell differentiation.

Research Area

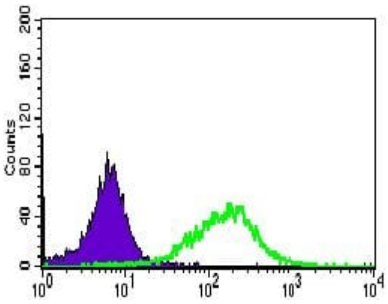
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Western blot analysis using ALPI mouse mAb against HL60 (1) and HepG2 (2) cell lysate.



Flow cytometric analysis of HepG2 cells using ALPI mouse mAb (green) and negative control (purple).