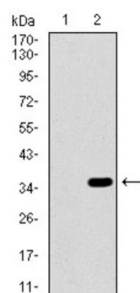
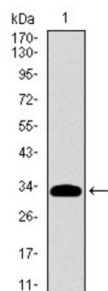


Intestinal-Type Alkaline Phosphatase / IAP (ALPI) Antibody

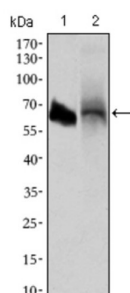
Catalogue No.: abx015769



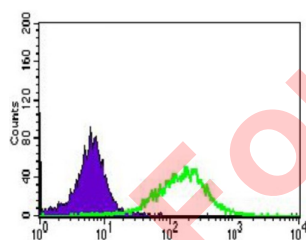
Western blot analysis using ALPI antibody against human ALPI recombinant protein. (Expected MW is 31.9 kDa).



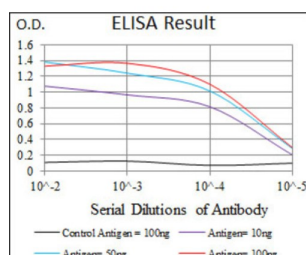
Western blot analysis using ALPI antibody against HEK293 (1) and ALPI (AA: 397-458) - hlgGFc transfected HEK293 (2) cell lysate.



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



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



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Datasheet

Version: 6.0.0
Revision date: 10 Jun 2025



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.

Target:	Intestinal-Type Alkaline Phosphatase / IAP (ALPI)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human ALPI (AA: 397-458) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P09923 (UniProt , ExPASy)
Gene Symbol:	ALPI
GeneID:	248
OMIM:	171740
HGNC:	437
KEGG:	hsa:248
Ensembl:	ENSG00000163295
String:	9606.ENSP00000295463

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Molecular Weight: 56.8 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only