

Datasheet for ABIN1724815

anti-Intestinal Alkaline Phosphatase antibody (AA 397-458)[Go to Product page](#)

5 Images

2 Publications

Overview

Quantity:	100 µL
Target:	Intestinal Alkaline Phosphatase (ALPI)
Binding Specificity:	AA 397-458
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Intestinal Alkaline Phosphatase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	ALPI Antibody
Immunogen:	Purified recombinant fragment of human ALPI (AA: 397-458) expressed in E. Coli.
Clone:	3B10E7
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Intestinal Alkaline Phosphatase (ALPI)
Alternative Name:	ALPI (ALPI Products)
Background:	Description: There are at least four distinct but related alkaline phosphatases: intestinal,

Target Details

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.

Aliases: IAP

Molecular Weight: 56.8kDa

Gene ID: 248

HGNC: 248

UniProt: [P09923](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

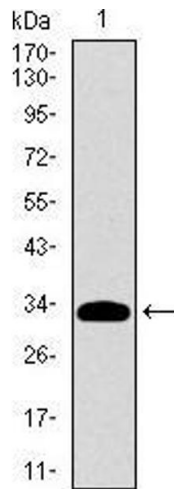
Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Publications

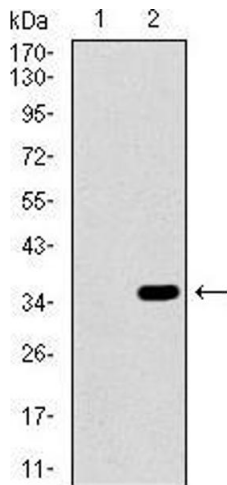
Product cited in: Molnár, Vannay, Sziksz, Bánki, Gy?rffy, Arató, Dezs?fi, Veres: "Decreased mucosal expression of intestinal alkaline phosphatase in children with coeliac disease." in: **Virchows Archiv : an international journal of pathology**, Vol. 460, Issue 2, pp. 157-61, (2012) ([PubMed](#)).

Molnár, Vannay, Szebeni, Bánki, Sziksz, Cseh, Gy?rffy, Lakatos, Papp, Arató, Veres: "Intestinal alkaline phosphatase in the colonic mucosa of children with inflammatory bowel disease." in: **World journal of gastroenterology : WJG**, Vol. 18, Issue 25, pp. 3254-9, (2012) ([PubMed](#)).



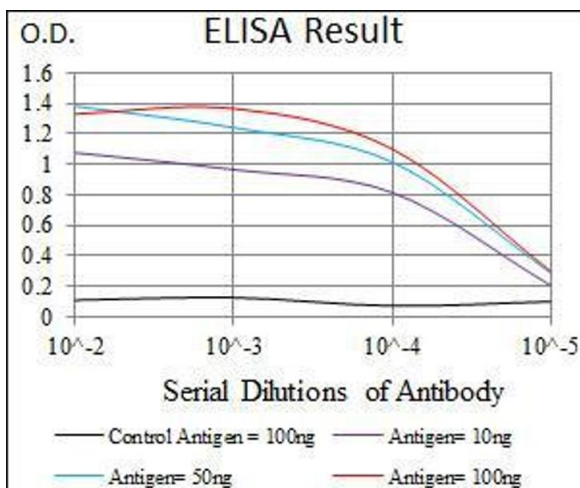
Western Blotting

Image 1. Western blot analysis using ALPI mAb against human ALPI recombinant protein. (Expected MW is 31.9 kDa)



Western Blotting

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



ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1724815.