

Datasheet

ALPI monoclonal antibody (M03), clone 3A8

Catalog Number: H00000248-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ALPI.

Clone Name: 3A8

Immunogen: ALPI (NP_001622, 74 a.a. ~ 162 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

LKGQKNGKLGPEPLAMDRFPYLALSKTYNVDRQVPD
SAATATAYLCGVKANFQTIGLSAAARFNQCNTTRGNE
VISVMNRAKQAGKSV

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 248

Gene Symbol: ALPI

Gene Alias: IAP

Gene Summary: 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. [provided by RefSeq]

References:

1. Development of a fluorescence-based assay for drug interactions with human Multidrug Resistance Related Protein (MRP2; ABCC2) in MDCKII-MRP2 membrane vesicles. Lechner C, Reichel V, Moenning U, Reichel A, Fricker G. Eur J Pharm Biopharm. 2010 Mar 20. [Epub ahead of print]