



Anti-Alkaline Phosphatase monoclonal antibody, clone 5I2 (DCABH-9192)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Alkaline Phosphatase
Antigen Description	Alkaline phosphatase (ALP) removes phosphate groups from the 5' end of DNA and RNA, and from proteins, at high pH. Most mammals have 4 different isozymes: placental, placental like, intestinal and non tissue specific (found in liver, kidney and bone). Tissues with particularly high concentrations of ALP include the liver, bile ducts, placenta, and bone. Damaged or diseased tissue releases enzymes into the blood, so serum ALP measurements can be abnormal in many conditions, including bone disease and liver disease.
Immunogen	Recombinant fragment, corresponding to amino acids 91-200 of Human Alkaline Phosphatase (non tissue-specific)
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	5I2
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, IHC-Fr
Format	Liquid
Size	100 µg
Buffer	Preservative: None PBS, pH 7.2
Preservative	None

Storage store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [ALPI alkaline phosphatase, intestinal \[Homo sapiens \]](#)

Official Symbol ALPI

Synonyms ALPI; alkaline phosphatase, intestinal; intestinal-type alkaline phosphatase; Kasahara isozyme; glycerophosphatase; alkaline phosphomonoesterase; intestinal alkaline phosphatase; IAP;

Entrez Gene ID [248](#)

Protein Refseq [NP_001622](#)

UniProt ID [A0A024R4A2](#)

Chromosome Location 2q37.1

Pathway Folate biosynthesis, organism-specific biosystem; Folate biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem;

Function alkaline phosphatase activity; hydrolase activity; metal ion binding;
