

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7)
Mouse Monoclonal Antibody
Catalog # ALS16877**Specification**

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - Product Information

Application	IHC, WB, E
Primary Accession	P09923
Other Accession	248
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	56812

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - Additional Information**Gene ID** 248**Other Names**

ALPI, Alkaline phosphomonoesterase, Kasahara isozyme, Glycerophosphatase, Alkaline Phosphatase, IAP

Target/Specificity

Human ALPI / Alkaline Phosphatase

Reconstitution & Storage

PBS, 0.05% sodium azide, 0.5% protein stabilizer. Short term +4°C; Long term -20°C

Precautions

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) is for research use only and not for use in diagnostic or therapeutic procedures.

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - Protein Information**Name** ALPI**Function**

Alkaline phosphatase that can hydrolyze various phosphate compounds.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P15693}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:P15693}

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - Protocols

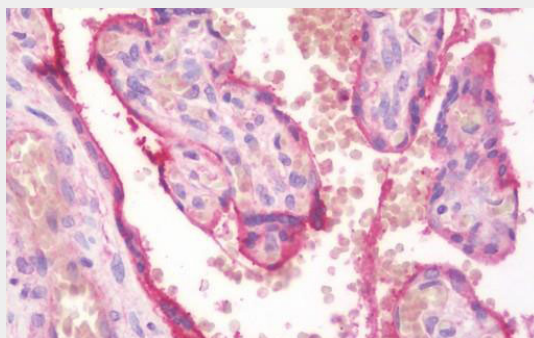
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

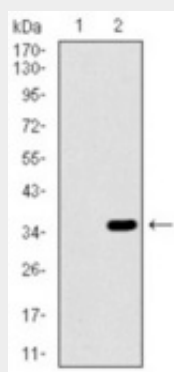
ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - Images



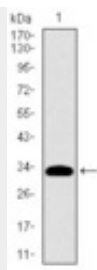
Anti-ALPI / Alkaline Phosphatase antibody IHC staining of human small intestine.



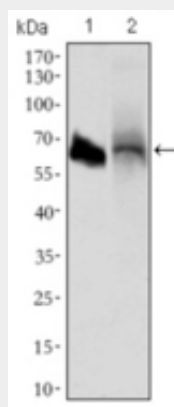
Anti-ALPI / Alkaline Phosphatase antibody IHC staining of human placenta.



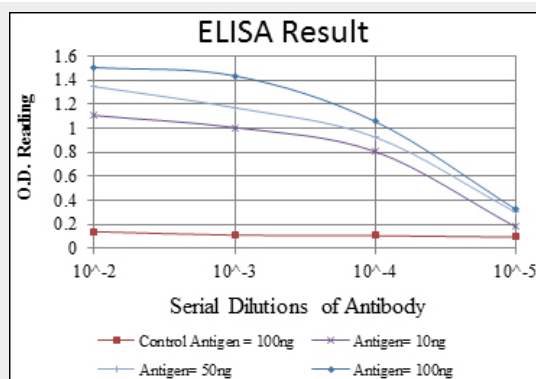
Western blot using ALPI monoclonal antibody against HEK293 (1) and ALPI (AA: 397-458)-hlgGFc...



Western blot using ALPI monoclonal antibody against human ALPI recombinant protein.



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



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

ALPI / Alkaline Phosphatase Antibody (aa397-458, clone 3B10E7) - References

- Berger J., et al. Proc. Natl. Acad. Sci. U.S.A. 84:695-698(1987).
- Henthorn P.S., et al. Proc. Natl. Acad. Sci. U.S.A. 84:1234-1238(1987).
- Henthorn P.S., et al. J. Biol. Chem. 263:12011-12019(1988).
- Ota T., et al. Nat. Genet. 36:40-45(2004).
- Hillier L.W., et al. Nature 434:724-731(2005).