

ALPP monoclonal antibody, clone H7E8

Catalog # MAB0956

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native ALPP.
Immunogen	Native purified human ALPP.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes trophoblast-derived membrane-associated enzyme alkaline phosphatase.
Form	Liquid
Purification	Protein A purification
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ALPP

Entrez GeneID	250
Gene Name	ALPP
Gene Alias	ALP, FLJ61142, PALP, PLAP
Gene Description	alkaline phosphatase, placental (Regan isozyme)
Omim ID	171800
Gene Ontology	Hyperlink
Gene Summary	<p>There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2 while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme, also referred to as the heat stable form, that is expressed primarily in the placenta although it is closely related to the intestinal form of the enzyme as well as to the placental-like form. The coding sequence for this form of alkaline phosphatase is unique in that the 3' untranslated region contains multiple copies of an Alu family repeat. In addition, this gene is polymorphic and three common alleles (type 1, type 2 and type 3) for this form of alkaline phosphatase have been well characterized. [provided by RefSeq]</p>
Other Designations	alkaline phosphomonoesterase glycerophosphatase placental alkaline phosphatase

Pathway

- [Folate biosynthesis](#)
- [gamma-Hexachlorocyclohexane degradation](#)
- [Metabolic pathways](#)

Disease

- [Birth Weight](#)
- [Fetal Death](#)