

ALPP monoclonal antibody, clone NB-10

Catalog # MAB10731 Size

Specification

Product Description	Mouse monoclonal antibody raised against ALPP.
Immunogen	ALPP.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG, kappa
Quality Control Testing	Positive control use as placenta. Visualization at cytoplasmic.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein base, 0.09% sodium azide)
Storage Instruction	Store at 4°C is stable for 3 years.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry

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](#)