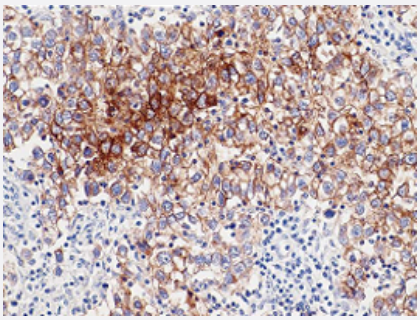
ALPP monoclonal antibody, clone P16-D

Catalog # MAB1653 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human seminoma (4 um) stained with ALPP monoclonal antibody, clone P16-D (Cat # MAB1653) shows strong positive membrane immunostaining of tumor cells. Kindly performed and provided by Katarina Poliakova, MDand Lubomir Straka, MD, Ph. D., from Clinical Pathology Presov, Ltd., Presov, Slovakia.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of ALPP.
Immunogen	A synthetic peptide corresponding to internal region of human ALPP.
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Formalin-fixed and paraffin-embedded human seminoma (4 um) stained with ALPP monoclonal antibody, clone P16-D (Cat # MAB1653) shows strong positive membrane immunostaining of tumor cells. Kindly performed and provided by Katarina Poliakova, MDand Lubomir Straka, MD, Ph. D., from Clinical Pathology Presov, Ltd., Presov, Slovakia.

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	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
Other Designations	alkaline phosphomonoesterase|glycerophosphatase|placental alkaline phosphatase

Pathway

- Folate biosynthesis
- gamma-Hexachlorocyclohexane degradation
- Metabolic pathways

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Disease

- Birth Weight
- Fetal Death

Copyright © 2023 Abnova Corporation. All Rights Reserved.