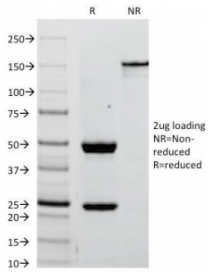
Placental Alkaline Phosphatase Antibody [clone ALPP/238] (V2516)

Catalog No.	Formulation	Size
V2516-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2516-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2516SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	Discontinued
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	ALPP/238
Purity	Protein G affinity chromatography
UniProt	P05187
Localization	Cytoplasmic and cell surface
Applications	ELISA (order BSA/sodium azide-free format for coating)
Limitations	This Placental Alkaline Phosphatase antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free Placental Alkaline Phosphatase Antibody (clone ALPP/238). Confirmation of Integrity and Purity of the Antibody.

Description

PLAP is a tissue specific, trophoblast-derived, 70kDa, glycosyl-phosphatidylinositol (GPI)-anchored, dimeric, Zn2+ metallo glycoprotein that catalyzes the hydrolysis of phosphomonoesters into an inorganic phosphate and an alcohol. It is present in the placenta and serum of pregnant women and in high frequency in gynecological and testicular cancers and in lower frequency in other tumors. The three tissue-specific AP's in humans, PLAP, germ cell AP (GCAP) and intestinal AP, are 90-98% homologous. Non-tissue specific AP is found in kidney, liver and bone. This mAb binds equally well to all common allelic variants (S, F, FS and I) of PLAP as to AP from normal human testis. This mAb can be used both as coating as well as tracer antibody in the same ELISA to detect PLAP in serum of S, F, FS and I phenotypes.

For a clone-defined placental marker antibody with extensive placenta-positive and normal tissue-negative immunohistochemistry validation data, see our ALPP Antibody / Placental Marker Antibody page featuring clone rALP/870.

Application Notes

Optimal dilution of the Placental Alkaline Phosphatase antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ALPP protein was used as the immunogen for the Placental Alkaline Phosphatase antibody.

Storage

Store the Placental Alkaline Phosphatase antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.