

Product Datasheet

Alkaline Phosphatase/ALPP Antibody (ALPP/238) [Alexa Fluor™ Plus 647] NBP2-47990AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47990AFP647

Alkaline Phosphatase/ALPP Antibody (ALPP/238) [Alexa Fluor™ Plus 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	ALPP/238
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor Plus 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	250
Gene Symbol	ALPP
Species	Human
Marker	Germ Cell Tumor Marker
Specificity/Sensitivity	PLAP is a tissue specific, trophoblast-derived, 70kDa, glycosyl-phosphatidylinositol (GPI)-anchored, dimeric, Zn ²⁺ 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 APs 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 monoclonal antibody binds equally well to all common allelic variants (S, F, FS and I) of PLAP as to AP from normal human testis. This monoclonal antibody 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.
Immunogen	Recombinant full-length human Alkaline Phosphatase/ALPP protein (Uniprot: P05187)



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Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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