

Product Datasheet

Alkaline Phosphatase/ALPP Antibody (ALPP/9109R) NBP3-23814-100ug

Unit Size: 100 ug

Store at 4C.

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Updated 7/16/2024 v.20.1

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NBP3-23814-100ug**Alkaline Phosphatase/ALPP Antibody (ALPP/9109R)**

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	ALPP/9109R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10mM PBS with 0.05% BSA
Product Description	
Description	Store at 2 to 8C. Non-hazardous. No MSDS required.
Host	Rabbit
Gene ID	250
Gene Symbol	ALPP
Species	Human
Marker	Germ Cell Tumor Marker
Specificity/Sensitivity	Reacts with a 70kDa membrane-bound isozyme (Regan and Nagao type) of Placental Alkaline Phosphatase (PLAP) occurring in the placenta during the 3rd trimester of gestation. It is highly specific for PLAP and shows no cross-reaction with other isozymes of alkaline phosphatase. Anti-PLAP reacts with germ cell tumors and can discriminate between these and other neoplasms. Somatic neoplasms e.g. breast, gastrointestinal, prostatic, and urinary cancers may also immunoreact with antibodies to PLAP. Anti-PLAP positivity in conjunction with anti-keratin negativity favors seminoma over carcinoma. Germ cell tumors are usually anti-keratin positive, but they regularly fail to stain with anti-EMA, whereas most carcinomas stain with anti-EMA. Anti-PLAP has been useful in the diagnosis of gestational trophoblastic disease.
Immunogen	Recombinant full-length human Alkaline Phosphatase/ALPP protein
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2ug/ml
Application Notes	Immunohistochemistry-Paraffin: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



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Products Related to NBP3-23814-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-34056PEP	Alkaline Phosphatase/ALPP Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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