

DATA SHEET

Placental Alk. Phosphatase (PLAP) Ab-1 (Clone 8B6.18)

Mouse Monoclonal Antibody

Cat. #DLN-08367, -08368, 08366 (0.1ml, 0.5ml, or 1.0ml at 200μg/ml) (Purified Ab with BSA and Azide) Cat. #DLN-08369, -08370 (0.1ml or 0.2ml at 1.0mg/ml) (Purified Ab without BSA and Azide) Cat. #DLN-08364, -08365, 08363 (0.1ml or 0.5ml or 1.0ml at 200μg/ml) (Biotin-Labeled Ab with BSA and Azide)

Comments:

Antibody to PLAP is useful in the identification of germ cell tumors. Unlike germ cell tumors, PLAP-positive somatic cell tumors uniformly express epithelial membrane antigen (EMA).

Mol. Wt. of Antigen: 60-70kDa

Epitope: Not determined

Species Reactivity: Human. Others-not known.

Clone Designation: 8B6.18

Ig Isotype / Light Chain: IgG_{2a}/κ

Immunogen: HEp-2 cells expressing Placental Alkaline Phosphatase (PLAP)

Applications:

- ELISA (For coating, order Ab without BSA)
- Immunohistology (Formalin/paraffin)
- (Ab 1:200 for 20 minute at RT)
- * [Staining of formalin/paraffin tissues REQUIRES digestion of tissue sections with Protease XXV at 1mg/ml PBS for 10 min at 37C)]

The optimal dilution for a specific application under a given set of experimental conditions should be determined by the investigator.

Positive Control: Placenta

Cellular Localization: Cell membrane

Supplied As:

200µg/ml of antibody purified from ascites fluid by Protein A chromatography. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide. Also available without BSA and azide at 1mg/ml.

Storage and Stability:

Ab with sodium azide is stable for 24 months when stored at 2-8°C. Antibody WITHOUT sodium azide is stable for 36 months when stored at below 0°C.

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Key References:

- 1. Durbin H et al (1988) Int J Cancer: Suppl2:50-58
- 2. Durbin H et al (1988) Int J Cancer: Suppl2:59-66

Limitations and Warranty:

Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Dianova is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:

This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.

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