

## Rabbit Monoclonal Antibody to Human PLAP

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| <b>Catalog No.:</b>           | RMPD 017  |
| <b>Intended Use:</b>          | This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.  |
| <b>Immunogen:</b>             | Recombinant protein encoding human Placental Alkaline Phosphatase (PLAP).   |
| <b>Clone:</b>                 | SP15  |
| <b>Isotype:</b>               | IgG   |
| <b>Format:</b>                | This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.  |
| <b>Staining Protocol:</b>     | We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10mM citrate buffer, pH 6.0 prior to immunostaining.</u>   |
| <b>Specificity:</b>           | This antibody reacts with a membrane-bound isoenzyme (Regan and Nagao type) of Placental Alkaline Phosphatase (PLAP) occurring in the placenta during the 3rd trimester of gestation. This antibody is highly specific to PLAP and shows no cross-reaction with other isoenzymes of alkaline phosphatases. It is useful in the identification of testicular germ cell tumors. Unlike germ cell tumors, PLAP-positive somatic cell tumors uniformly express epithelial membrane antigen (EMA). This antibody crossreacts with Human, Mouse, and Rat. |
| <b>Positive Control:</b>      | Placenta  |
| <b>Cellular Localization:</b> | Cytoplasmic   |
| <b>Storage:</b>               | Store at 2-8°C. Do not use beyond the expiration date stated on the label.  |

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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