

## HISTOPRIME<sup>®</sup>

**CatNo E037**

### Lambda light chain

Lot: See Label  
Storage: +2 to +8 °C  
Exp. Date: See Label

### Monoclonal Antibody against human Ig lambda chains

#### Specificity

This antibody can be used to label lambda chain-bearing immunoglobulins on the surface of normal and neoplastic B cells. Therefore, it is also suitable for the visualization of Bence Jones and extracellular Ig lambda chains.

#### Contents

Reagents sufficient for about 50-100 tissue sections  
1 dropper bottle **HISTOPRIME<sup>®</sup> Lambda light chain** (Bottle, 5 ml)

#### Application

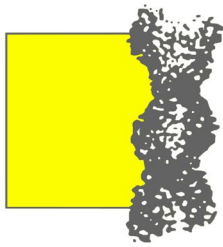
The monoclonal antibody reacts specifically with the lambda chain of human immunoglobulins and is independent of their isotope. No cross-reactions with light chains of the kappa type occur.

#### Fusion Partners

E037 monoclonal antibodies were prepared from immunoglobulins of mouse ascites. Mouse hybridoma cells were obtained by fusing myeloma cells with spleen cells from immunized mice. BALB/c mice were immunized with the multidrug-resistant cell line CHR5 from Chinese hamster ovarian tissue. After fusion of spleen cells from these mice with SP2/0 myeloma cells, the antibody-producing clone was identified by immunocytochemical staining of MDR cell lines.

E037-230109-1/2





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### Characterization

<b>Antigen</b>	Purified human IgG from myeloma (coupled to polyaminostyrene).
<b>Specificity</b>	Human lambda type Ig light chain
<b>Abnormal Tissues</b>	Human lymphocytes and plasma cells
<b>Clone</b>	HP 6054
<b>Isotype</b>	Mouse IgG2a
<b>Pretreatment</b>	Proteolytic pretreatment with 0.1% pronase (Cat. No. E110), 10 at room temperature.
<b>Incubation Period</b>	1 hour at room temperature or overnight at 37°C (without proteolytic pretreatment).
<b>Control Tissue</b>	Tonsil
<b>Application</b>	Ready-to-use in PBS, BSA, NaN <sub>3</sub> (0.09%) pH 7.4(*) suitable on cryostat sections and on formalin-fixed, paraffin-embedded tissue sections.
<b>Recommended Secondary Reagents</b>	<b>Alkaline Phosphatase</b> Vectastain <sup>®</sup> ABC Mouse IgG (Vector CatNo AK-5002) and Substrate-Kit e.g. Vector <sup>®</sup> Red (Vector CatNo SK-5100). <b>Peroxidase</b> Vectastain <sup>®</sup> ABC-Elite Mouse IgG (Vector CatNo PK-6102) and Peroxidase Substrate-Kit e.g. DAB (LINARIS CatNo E108) or HistoGreen (LINARIS CatNo E109).

Differential identification is aided by the results from a panel of antibodies. Interpretation must be made within the context of the patient's clinical history and other diagnostics tests by a qualified pathologist.

**(\*)Note** E037 contains Sodium Azide; take adequate precautions!

E037-230109-2/2

**For Research use only. Not for use in diagnostic procedure**

