

HISTOPRIME[®]

CatNo E058

Kappa light chain

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

Monoclonal Antibody against Human Kappa light chain

Specificity

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

Contents

Reagents sufficient for about 50-100 tissue sections
1 dropper bottle **HISTOPRIME[®] Kappa light chain** (Bottle, 5 ml)

Application

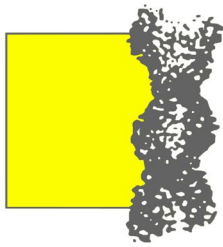
The monoclonal antibody reacts specifically with the kappa chain of human immunoglobulins and is independent of their isotope. No cross-reactions with lambda-type light chains occur.

Fusion Partners

E058 is prepared from immunoglobulins of mouse ascites. Mouse hybridoma cells were obtained by fusion of myeloma cells with spleen cells from immunized mice.

E058-230109-1/2





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Characterization

Antigen	Purified Bence Jones kappa light chain protein.
Specificity	Human light Ig chain type Kappa
Clone	KP-53
Isotype	Mouse IgG1
Pretreatment	Proteolytic pretreatment with 0.1% Pronase) (LINARIS CatNr E110) 10 minutes at room temperature
Incubation Period	1 hour at room temperature or overnight at 37°C (without proteolytic pretreatment).
Control Tissue	Tonsils
Application	Ready-to-use in PBS, BSA, NaN ₃ (0.09%) pH 7.4(*) suitable on cryostat sections and on formalin-fixed, paraffin-embedded tissue sections.
Recommended Secondary Reagents	Alkaline Phosphatase Vectastain [®] ABC Mouse IgG (Vector CatNo AK-5002) and Substrate-Kit e.g. Vector [®] Red (Vector CatNo SK-5100). Peroxidase Vectastain [®] 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 E058 contains Sodium Azide; take adequate precautions!

E058-230109-2/2

For Research use only. Not for use in diagnostic procedure

