



Rabbit anti Kappa Light Chain (B-Cell Marker) Polyclonal Antibody

Alternative Name(s): Immunoglobulin kappa chain

Order Information

- **Description:** Kappa Light Chain (B-Cell Marker)
- **Catalogue:** 500-1784
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P)
- **Reactivity:** Hu

ANTIGEN PREPARATION

Immunoglobulin kappa light chain

BACKGROUND

Kappa light chains are polypeptide chains resided in the cell membrane and cytoplasmic regions of normal B cells and plasma cells. The combination of kappa light chains and heavy chains forms immunoglobulin molecules. There are two classes of light chains found in immunoglobulins, kappa light chains and lambda light chains. Individual lymphoid cell only contains a single light chain class. This clonal restriction may be used to indicate the polyclonal or monoclonal nature of B cell and plasma cell populations. The ratio of kappa to lambda is about 2:1. The level of kappa or lambda can be greatly elevated in serum of patients with multiple myeloma or other B cell malignancies.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human Kappa Light Chain (B-Cell Marker). The other species not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 22.5
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS

REFERENCES

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com