

## Rabbit anti-Lambda Light Chain Polyclonal Antibody

Storage: 2-8°C

Catalog No: P12-005 1ml   
 P12-005S 0.2ml   
 P12-005U 6ml

### Intended Use and Background:

Human lambda light chain is a 25KDa chain present on all 5 immunoglobulins and is also present in free form. This antibody is useful in identification of leukemias, plasmacytomas and certain non-Hodgkin's lymphomas. In normal human serum lambda chains are present at 0.4-4.2mg/ml. In multiple myeloma or B-cell malignancies these levels are elevated. Higher amounts are also present in Bence Jones patient's urine.

### Components:

Rabbit anti-Lambda Light Chain antibody is total immunoglobulin IgG purified from rabbit. It is stored in PBS buffer pH 7.4 with 1% BSA and 0.05% sodium azide.

Host species: Rabbit  
Isotype: Total immunoglobulin IgG  
Immunogen: Purified human lambda light chain from human Bence Jones proteins  
Reacts with: Human, others not tested

Catalog No.	Format	Size
P12-005	Concentrate	1 ml
P12-005s	Concentrate	0.2ml
P12-005U	Ready-to-use	6ml

**Positive Control:** Human Tonsil

**Pretreatment required:** Heat Induced Epitope Retrieval (HIER) in Citrate buffer/pH6.0 for FFPE section.

**Cellular Localization:** Cytoplasmic

**Application:** immunohistochemistry (IHC).

### Recommended Protocol:

For concentrate antibody, the working dilution for formalin-fixed paraffin-embedded human tissue section is from 1:50-200 depending on the detection system used. Prediluted antibody is used directly without dilution. The optimal dilution needs to be determined by the investigator.

Manual staining procedure:

1. Deparaffinize slides.
2. Submerge slides in peroxidase quenching solution for 10 minutes and rinse with PBS 3 times, 2 minutes each.
3. Apply serum blocking solution (optional if use polymer detection system)
4. Apply primary antibody and incubate for 30-60 minutes at room temperature and rinse with PBS 3 times, 2 minutes each.
5. Apply secondary antibody conjugate and incubate according to the data sheet of detection system. Rinse with PBS 3 times, 2 minutes each.
6. Apply enzyme conjugate and incubate according to the data sheet of detection system. Rinse with PBS 3 times, 2 minutes each.
7. Apply chromogen and incubate 5-10 minutes and rinse with PBS.

### Precaution:

Wear gloves and take other necessary laboratory safety procedure.

**Storage:** Store at 2-8°C.

**Remarks:** For research use only. Not for diagnostic or therapeutic use.