

LAJ324Hu71**Biotin-Linked Polyclonal Antibody to Cystatin 4 (CST4)****Organism Species: Homo sapiens (Human)*****Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Antibody labeling**Host:** Rabbit**Purification:** Antigen-specific Affinity Chromatography.**Label:** Biotin**Original Antibody:** PAJ324Hu01**Traits:** Liquid**Concentration:** 200µg/mL**UOM:** 100µg**Applications:** WB; ICC; IHC-P; IHC-F; IF; ELISA.

[IMMUNOGEN]

Immunogen: RPJ324Hu01-Recombinant Cystatin 4 (CST4)

[APPLICATIONS]

Western blotting: 0.5-2ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml

Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant CST4 disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH6.8), 1% SDS, 150mM NaCl, 50% glycerol, 0.02% BPB, 50mM DTT and 0.02% NaN₃.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.