

LAC719Hu61
Cy3-Linked Polyclonal Antibody to Podoplanin (PDPN)
Organism Species: Homo sapiens (Human)
Instruction manual

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

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Antibody labeling

Host: Rabbit

Purification: Antigen-specific Affinity Chromatography.

Label: Cy3

Original Antibody: PAC719Hu01

Traits: Liquid

Concentration: 500µg/mL

UOM: 500µg

Applications: WB; ICC; IHC-P; IHC-F; IF; ELISA.

[IMMUNOGEN]

Immunogen: Recombinant PDPN (Ala23~Leu143) linked with RKWMETHRQQ LRKMVCQQ, expressed in *E.coli*.

Accession No.: RPC719Hu01

[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 10 mM PBS, pH7.4, containing 0.09% NaN₃.

[QUALITY CONTROL]

Content: The quality control contains recombinant PDPN 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: Store at 4°C for frequent use.

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.