PAA855Hu01

Polyclonal Antibody

To Receptor Activator Of Nuclear Factor Kappa B Ligand (RANkL)

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: Polyclonal antibody preparation
Host: Rabbit
Purification: Antigen-specific Affinity Chromatography.
Traits: Liquid
Concentration: 500μg/mL
UOM: 100μg
Applications: WB; ICC; IHC-P; IHC-F; ELISA.

[IMMUNOGEN]

Immunogen: Recombinant RANkL (Ile79~Ile247) expressed in *E.coli*.
Accession No.: RPA855Hu01

[APPLICATIONS]

Western blotting: 1-5ug/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 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.
Store at 4^{o}C for frequent use.
Aliquot and store at -20^{o}C for two years.
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^{o}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.

[IDENTIFICATION]

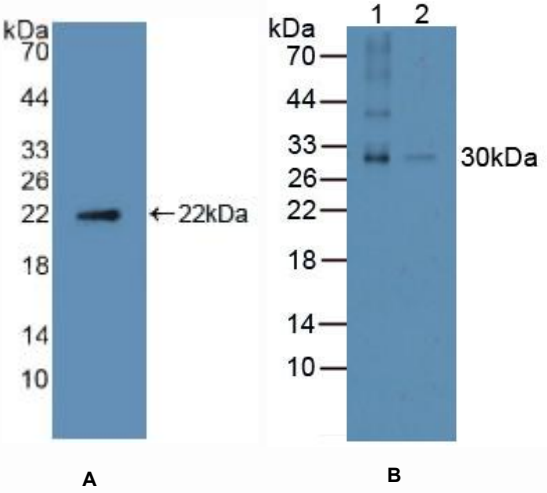

Figure 1. Western Blot

A. Sample: Recombinant RANkL, Human

B. Lane1: Human Thymus Tissue

Lane2: Human Spleen Tissue

Primary Ab: 3μg/mL Rabbit Anti-Human RANkL Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig Anti-Rabbit Ab (Catalog: SAA544Rb59)

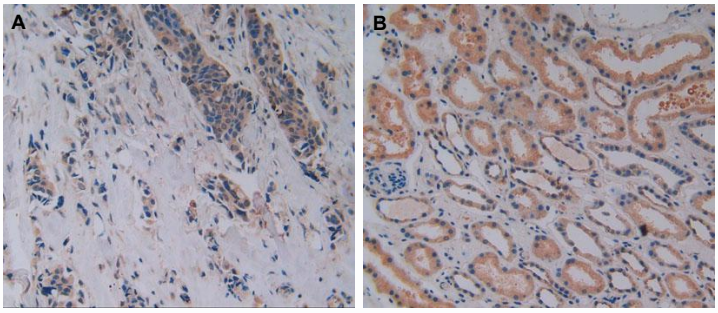

Figure 2. DAB staining on IHC-P

Samples:

A. Human Breast Cancer Tissue

B. Human Kidney Tissue