Cloud-Clone Corp.

MAA370Hu22

Monoclonal Antibody to Beta-Thromboglobulin (bTG)

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: Monoclonal antibody preparation
Host: Mouse
Antibody isotype: IgG2a Kappa
Purification: Protein A/G Affinity Chromatography.
Clone number: C3
Traits: Liquid
Concentration: 500µg/mL
UOM: 200µg
Applications: WB; ICC; IHC-P; IHC-F; ELISA; IP; IF; FCM.

[IMMUNOGEN]

Immunogen: RPA370Hu01-Recombinant Beta-Thromboglobulin (bTG)

[APPLICATIONS]

Western blotting: 0.5-5ug/ml

Immunocytochemistry in formalin fixed cells: 5-30ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-30ug/ml

Immunohistochemistry in paraffin section: 5-30ug/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% NaN_3, 50% glycerol.

[QUALITY CONTROL]

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

Usage: 10uL per well when 3,3'-Diaminobenzidine (DAB) as the substrate.

5uL per well when used in enhanced chemilumescent (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% NaN$_3$.
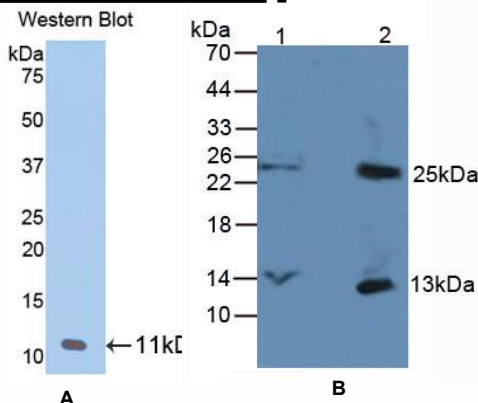
[STORAGE AND STABILITY]

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.

[IDENTIFICATION]

Figure 1. Western Blot

A. Sample: Recombinant bTG, Human

B. Lane1: Rat Brain Tissue

Lane2: Rat Liver Tissue

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

Second Ab: 1:5000 Dilution of HRP-Linked Rabbit

Anti-Mouse IgG Ab (Catalog: SAA544Mu09)