

AAH009Hu02**Anti-Phosphorylated Tumor Protein p53 Binding Protein 1 (TP53BP1)****Monoclonal Antibody****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:** IgG**Specificity:** Phospho-TP53BP1 (Ser1778) antibody detects endogenous levels of TP53BP1 only when phosphorylated at serine 1778.**Purification:** Protein A/G Affinity Chromatography.**Clone number:** D4**Traits:** Liquid**Concentration:** 500µg/mL**UOM:** 200µg**Applications:** WB; ICC; IHC-P; IHC-F; ELISA; IP; IF; FCM.**[IMMUNOGEN]****Immunogen:** Synthetic Phosphopeptide Phospho-TP53BP1 (Ser1778)**Accession No.:** MPH009Hu01**Sequence:** The target peptide sequence is listed below.TES_PQL RAGAGYILED FNEAQ**[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: 0.05-2 μ g/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°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**]

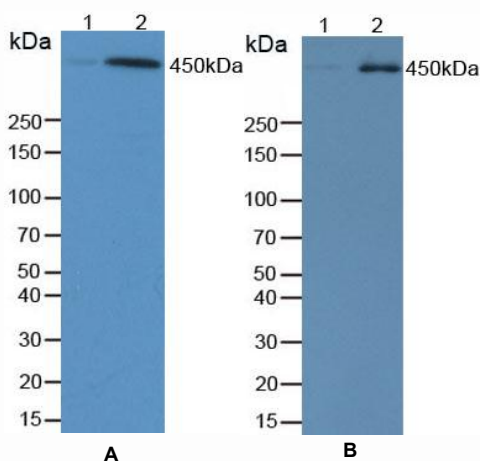


Figure 1. Western Blot

A. Sample: Human 293 Cells

Primary Ab:

Lane1: 2 μ g/mL Mouse Anti-Human Phospho-TP53BP1 (Ser1778) Ab

Lane2: 2 μ g/mL Mouse Anti-Human TP53BP1 Ab

B. Sample:

Lane1: Human 293 Cells, untreated

Lane2: Human 293 Cells, treated with NCS

Primary Ab: 2 μ g/mL Mouse Anti-Human Phospho-TP53BP1 (Ser1778) Ab

Second Ab: 1:5000 Dilution of HRP-Linked Rabbit Anti-Mouse IgG Ab (Catalog: SAA544Mu09)