

**MAA111Hu21**

**Monoclonal Antibody to Interleukin 12 (IL12)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2bKappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C5

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 100µL

**Cross Reactivity:** Rat

**Applications:** WB

**[ IMMUNOGEN ]**

**Immunogen:** Recombinant IL12 (Arg23~Ser219+GGGS\*3+Ile23~Ser328) expressed in 293F Cell

**Accession No.:** EPA111Hu62

**[ APPLICATIONS ]**

Western blotting: 0.01-2µg/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.

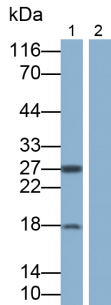
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 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 ]



Western Blot; Samples: Lane1: Rat Spleen cells treated with 25ng/ml LPS and 10µg/ml PHA for 48 hours, cell supernatant; Lane2: Untreated Rat

Spleen lysate;

Primary Ab: 0.5µg/ml Mouse Anti-Human IL12 Antibody

Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

### [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.