MAA079Ra26
Monoclonal Antibody to Interleukin 6 (IL6)
Organism Species: Rattus norvegicus (Rat)

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: Monoclonal antibody preparation
Host: Mouse
Antibody isotype: IgG2b Kappa
Purification: Protein A/G Affinity Chromatography.
Clone number: C3
Traits: Liquid
Concentration: 500µg/mL
UOM: 200µg
Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]

Immunogen: Recombinant IL6 (Phe25~Thr211) expressed in 293F cells.
Accession No.: EPA079Ra61

[ APPLICATIONS ]

Western blotting: 0.5-5µg/mL
Immunohistochemistry: 5-30µg/mL
Immunocytochemistry: 5-30µg/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.

[ QUALITY CONTROL ]

Content: The quality control contains recombinant IL6 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:** 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 ]**

![Western Blot Sample](#)

**Figure 1. Western Blot**
Sample: Recombinant IL6, Rat

![DAB staining on IHC-P](#)

**Figure 2. DAB staining on IHC-P**
Samples:
A. Rat Lung Tissue
B. Rat Heart Tissue