MAA080Ca22
Monoclonal Antibody to Interleukin 8 (IL8)
Organism Species: Canis familiaris; Canine (Dog)
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: IgG2a Kappa
Purification: Protein A/G Affinity Chromatography.
Clone number: C6
Traits: Liquid
Concentration: 500µg/mL
UOM: 200µg
Applications: WB; IHC; ICC; IP.

[ IMMUNOGEN ]
Immunogen: Recombinant IL8 (Ala23~Pro101) expressed in E.coli.
Accession No.: RPA080Ca01

[ 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 IL8 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 ]**

Figure 1. Western Blot
A. Sample: Recombinant IL8, Canine
B. Human Leukocyte Cells
   - Primary Ab: 2µg/mL Mouse Anti-Canine IL8 Ab
   - Second Ab: 1:5000 Dilution of HRP-Linked Rabbit Anti-Mouse IgG Ab (Catalog: SAA544Mu09)