

MAA080Hu22

Monoclonal Antibody to Interleukin 8 (IL8)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Monoclonal antibody preparation

Host: Mouse

Antibody isotype: IgG1 Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C5

Traits: Liquid

Concentration: 1mg/mL

UOM: 200μL

Cross Reactivity: N/A

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant IL8 (Ser28~Ser99) expressed in *E.coli*

Accession No.: RPA080Hu01

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

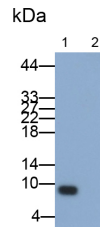
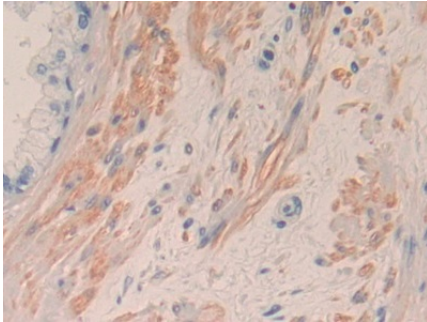
Store at 4°C for frequent use.

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]



DAB staining on IHC-P; Samples:	Western Blot; Samples: Lane1: THP1
Human Prostate Tissue; Primary Ab:	treated with 10µg/ml LPS and 10µg/ml
20µg/ml Mouse Anti-Human IL8	ConA for 72 hours, cell supernatant;
Antibody Second Ab: 2µg/mL HRP-	Lane2: Untreated THP1 cell lysate;
Linked Caprine Anti-Mouse IgG	Primary Ab: 0.2µg/ml Mouse Anti-
Polyclonal Antibody (Catalog:	Human IL8 Antibody
SAA544Mu19)	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.