Datasheet for ABIN7430621

**anti-IL-10 antibody (AA 1-178)**

### Overview

**Quantity:** 100 μL  
**Target:** IL-10 (IL10)  
**Binding Specificity:** AA 1-178  
**Reactivity:** Human  
**Host:** Rabbit  
**Clonality:** Polyclonal  
**Conjugate:** This IL-10 antibody is un-conjugated  
**Application:** Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

**Purpose:** Polyclonal Antibody to Interleukin 10 (IL10)  
**Immunogen:** Recombinant Interleukin 10 (IL10) corrsponding to Met1~Asn178 with N-terminal His Tag  
**Isotype:** IgG  
**Specificity:** The antibody is a rabbit polyclonal antibody raised against IL10. It has been selected for its ability to recognize IL10 in immunohistochemical staining and western blotting.  
**Purification:** Antigen-specific affinity chromatography followed by Protein A affinity chromatography

### Target Details

**Target:** IL-10 (IL10)
### Target Details

**Alternative Name:** Interleukin 10 ([IL10 Products](#))

**Background:** CSIF, IL10A, TGIF, Cytokine Synthesis Inhibitory Factor

**Pathways:**
- Cellular Response to Molecule of Bacterial Origin
- Regulation of Leukocyte Mediated Immunity
- Production of Molecular Mediator of Immune Response
- Maintenance of Protein Location
- Cancer Immune Checkpoints

### Application Details

**Application Notes:**
- Western blotting: 0.5-2 μg/mL
- Immunohistochemistry: 5-20 μg/mL
- Immunocytochemistry: 5-20 μg/mL

Optimal working dilutions must be determined by end user.

**Comment:**
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.

**Restrictions:** For Research Use only

### Handling

**Format:** Liquid

**Buffer:** PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

**Expire Date:** 24 months
Immunohistochemistry

Image 1. #VALUE!

Western Blotting

Image 2. Detection of IL10 in Human Leukocyte Cells using Polyclonal Antibody to Interleukin 10 (IL10)

Western Blotting

Image 3. Detection of Recombinant IL10, Human using Polyclonal Antibody to Interleukin 10 (IL10)