

MAB980Ra21

Monoclonal Antibody to Interleukin 33 (IL33)

Organism Species: *Rattus norvegicus* (Rat)

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: IgG2a Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: 2#

Traits: Liquid

Concentration: 1mg/ml

UOM: 100ul

Cross Reactivity: Rat

Applications: WB; IHC; ICC; IP.

[IMMUNOGEN]

Immunogen: Recombinant IL33 (Ile110~Leu261) expressed in *E.coli*

Accession No.: RPB980Ra01

[APPLICATIONS]

Western blotting: 0.01-3µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-20µg/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.

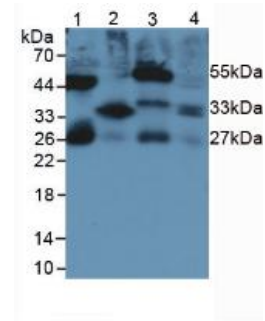
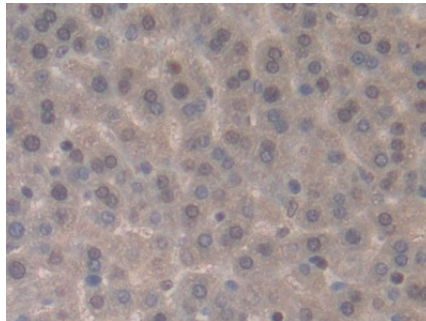
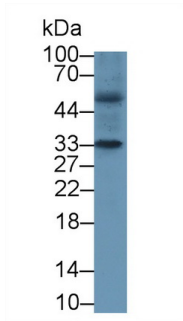
Store at 4°C for frequent use.

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; Sample: Rat Colon lysate Primary Ab: 3?g/ml Mouse Anti-Rat IL33 Antibody Second Ab: 0.
 DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 30µg/ml Mouse Anti-Rat IL33 Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)
 Figure. Western Blot; Sample: Lane1: Rat Serum; Lane2: Rat Lung Tissue; Lane3: Rat Intestine Tissue; Lane4: Rat Large Intestine Tissue.

[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.