

MAC534Ra21

Monoclonal Antibody to Histidine Rich Glycoprotein (HRG)

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: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: C3

Traits: Liquid

Concentration: 1mg/ml

UOM: 100ul

Cross Reactivity: N/A

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant HRG (Leu19~Lys525) expressed in 293F cell

Accession No.: EPC534Ra61

[APPLICATIONS]

Western blotting: 0.01-5µg/mL;

Immunohistochemistry: 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.

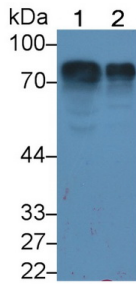
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

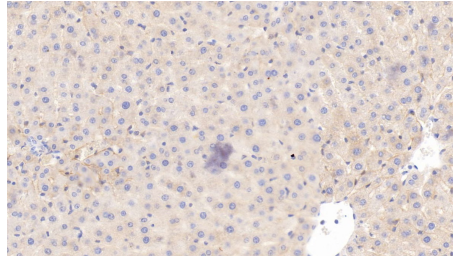
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no

obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

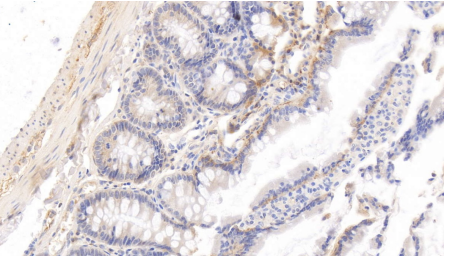
[IDENTIFICATION]



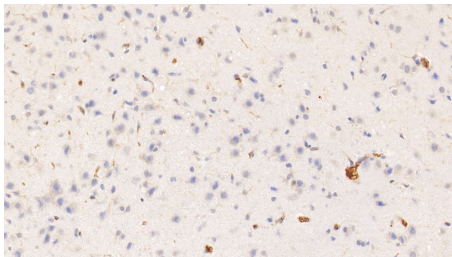
Western Blot; Sample: Lane1: Rat Serum; Lane2: Rat Plasma
 Primary Ab: 5µg/ml Mouse Anti-Rat HRG Antibody
 Second Ab: 0.2µg/mL HRP-Linked Rabbit Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)



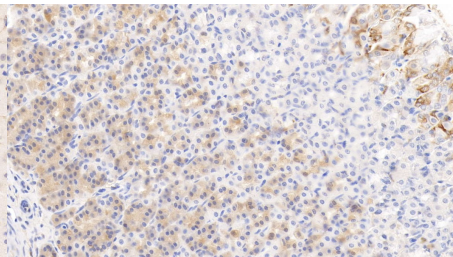
DAB staining on IHC-P; Samples: Rat Liver Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat HRG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



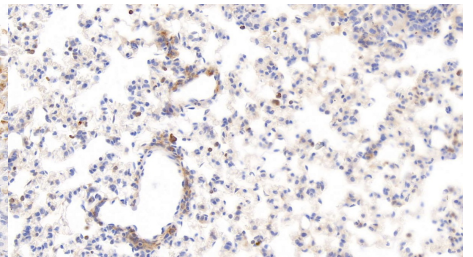
DAB staining on IHC-P; Samples: Rat Small intestine Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat HRG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



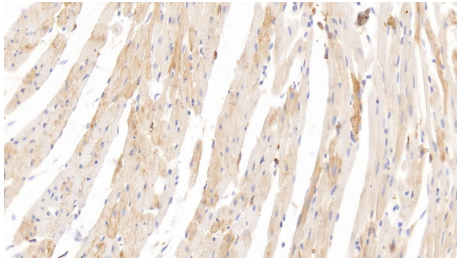
DAB staining on IHC-P; Samples: Rat Cerebrum Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat HRG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Samples: Rat Stomach Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat HRG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P; Samples: Rat Lung Tissue; Primary Ab: 10ug/ml Mouse Anti-Rat HRG Antibody Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



DAB staining on IHC-P;

Samples: Rat Heart Tissue;

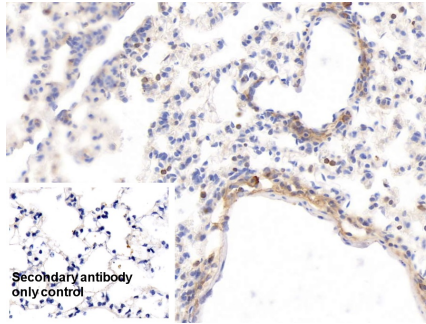
Primary Ab: 10ug/ml Mouse Anti-Rat

HRG Antibody

Second Ab: 2µg/mL HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Lung Tissue

Primary Ab: 10µg/ml Mouse Anti-Rat

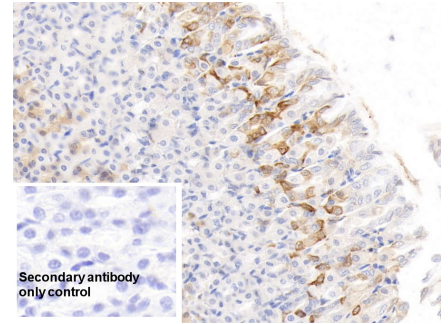
HRG Antibody

Control: Used PBS instead of primary
antibody

Second Ab: 2µg/ml HRP-Linked

Caprine Anti-Mouse IgG Polyclonal
Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Rat Stomach Tissue

Primary Ab: 10µg/ml Mouse Anti-Rat

HRG Antibody

Control: Used PBS instead of primary
antibody

Second Ab: 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.