

MAA259Hu22

Monoclonal Antibody to Annexin V (ANXA5)

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: C13

Traits: Liquid

Concentration: 1mg/mL

UOM: 100μL

Cross Reactivity: Mouse;Cavia;Rabbit;Canine;Porcine;Bovine;Ovine;Equine

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Recombinant ANXA5 (Met1~Asp320) expressed in *E.coli*

Accession No.: RPA259Hu01

[APPLICATIONS]

Western blotting: 0.01-4μg/mL;

Immunohistochemistry: 2-40μg/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.

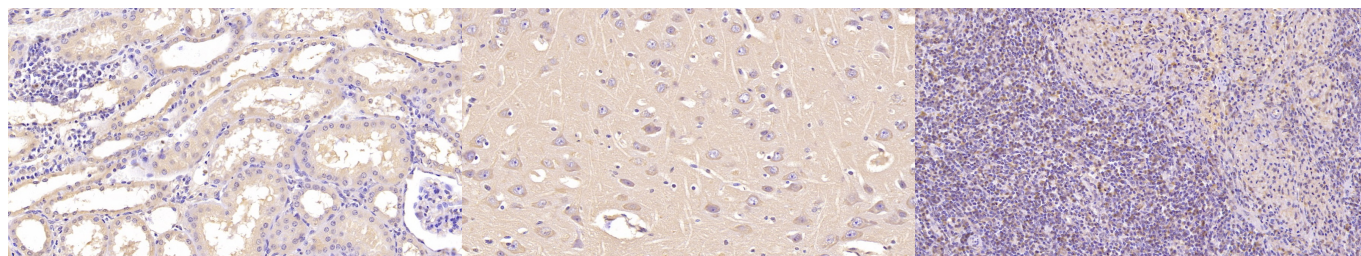
Store at 4°C for frequent use.

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]



DAB staining on IHC-P;

Sample: Human Kidney Tissue;

Primary Ab: 40µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

DAB staining on IHC-P;

Sample: Human Cerebrum Tissue;

Primary Ab: 40µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

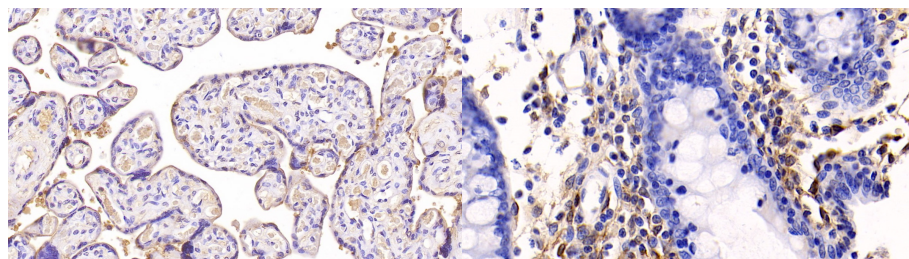
DAB staining on IHC-P;

Sample: Human Spleen Tissue;

Primary Ab: 40µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

Sample: Human Placenta Tissue;

Primary Ab: 40µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)

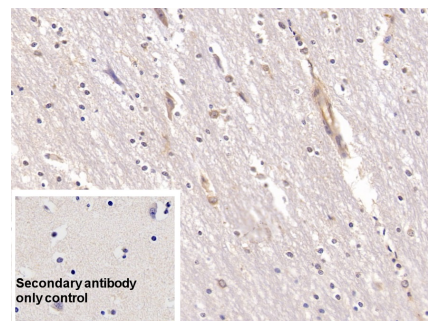
DAB staining on IHC-P;

Sample: Human Colon Tissue;

Primary Ab: 20µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



DAB staining on IHC-P;

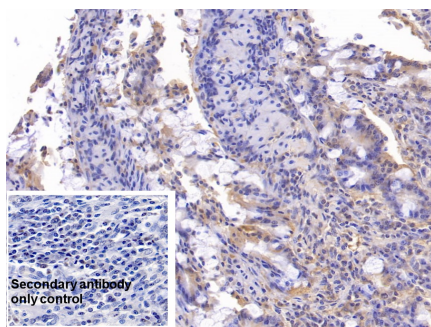
Sample: Human Cerebrum Tissue

Primary Ab: 20µg/ml Mouse Anti-Human ANXA5 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;

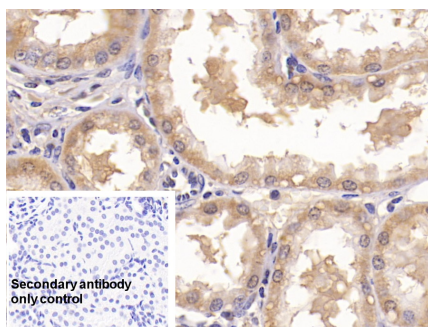
Sample: Human Small intestine Tissue

Primary Ab: 20µg/ml Mouse Anti-Human ANXA5 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;

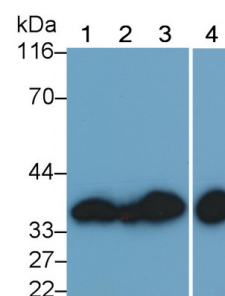
Sample: Human Kidney Tissue

Primary Ab: 20µg/ml Mouse Anti-Human ANXA5 Antibody

Control: Used PBS instead of primary antibody

Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



Western Blot; Sample: Lane1: Human

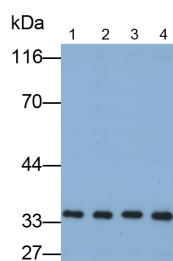
Placenta lysate; Lane2: HeLa cell lysate;

Lane3: Porcine Lung lysate; Lane4: Bovine Testis lysate

Primary Ab: 0.2µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



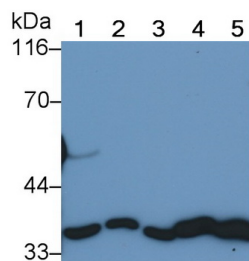
Western Blot; Samples: Lane1: Human Placenta lysate; Lane2: Porcine Lung lysate; Lane3: 293T cell lysate; Lane4:

HepG2 cell lysate;

Primary Ab: 0.2µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 0.2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

(Catalog: SAA544Mu19)



Western Blot; Sample: Lane1: Canine

Lung lysate; Lane2: Equine Lung

lysate; Lane3: Rabbit Lung lysate;

Lane4: Cavia Lung lysate; Lane5:

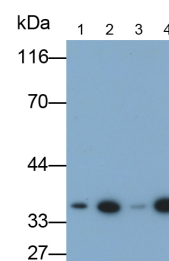
Ovine Lung lysate

Primary Ab: 0.2µg/ml Mouse Anti-Human ANXA5 Antibody

Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal

Antibody

(Catalog: SAA544Mu19)



Western Blot; Samples: Lane1: A431

cell lysate; Lane2: K562 cell lysate;

Lane3: Jurkat cell lysate; Lane4:

C2C12 cell lysate;

Primary Ab: 0.01µg/ml Mouse Anti-Human ANXA5 Antibody

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.