

MAF878Hu22

Monoclonal Antibody to Secreted Frizzled Related Protein 4 (SFRP4)

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: IgG2b Kappa

Purification: Protein A + Protein G affinity chromatography

Clone number: 5#

Traits: Liquid

Concentration: 1mg/mL

UOM: 100µL

Cross Reactivity: Porcine

Applications: WB; IHC; ICC/IF

[IMMUNOGEN]

Immunogen: Recombinant SFRP4 (Met265~Val346) expressed in *E.coli*

Accession No.: RPF878Hu01

[APPLICATIONS]

Western blotting: 0.01-2µg/mL;

Immunohistochemistry: 5-30µg/mL;

Immunocytochemistry: 5-30µg/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]

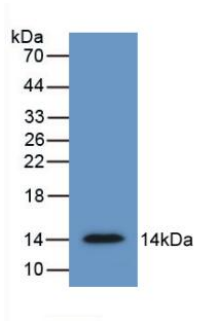
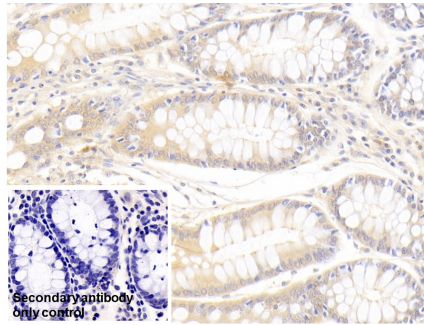
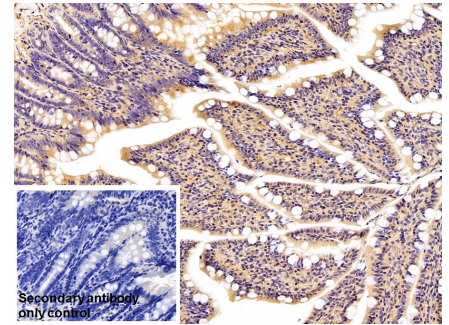


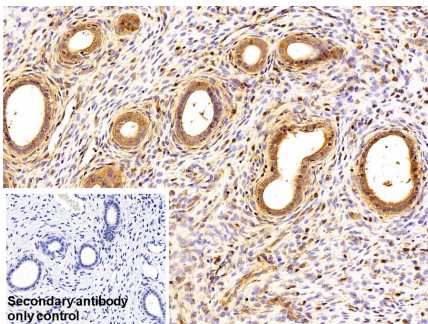
Figure. Western Blot; Sample: Recombinant SFRP4, Human.



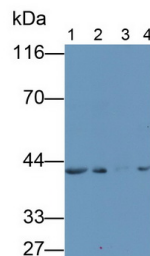
DAB staining on IHC-P;
 Sample: Human Colon Tissue;
 Primary Ab: 10µg/ml Mouse Anti-Human SFRP4 Antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)
 Secondary antibody only control: Used PBS instead of primary antibody ,
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)



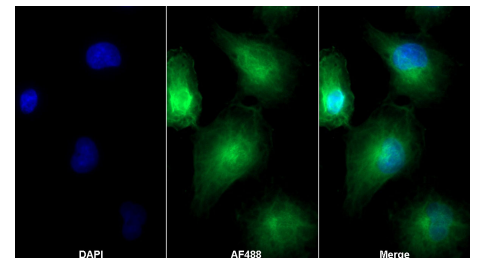
DAB staining on IHC-P;
 Sample: Rat Colon Tissue
 Primary Ab: 30µg/ml Mouse Anti-Human SFRP4 Antibody
 Control: Used PBS instead of primary antibody
 Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
 (Catalog: SAA544Mu19)



DAB staining on IHC-P;
 Sample: Rat Uterus Tissue



Western Blot; Sample: Lane1: 293T cell lysate; Lane2: HeLa cell lysate; Lane3:



AF488 staining on IF;
 Sample: A549 cell
 Primary Ab: 30µg/ml Mouse Anti-

Primary Ab: 30µg/ml Mouse Anti-Human SFRP4 Antibody	Porcine Heart lysate; Lane4: SKOV3 cell lysate	Human SFRP4 Antibody
Control: Used PBS instead of primary antibody	Primary Ab: 2µg/ml Mouse Anti-Human SFRP4 Antibody	Second Ab: 2µg/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody
Second Ab: 2µg/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)	Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Catalog: SAA544Mu19) Selected	(Catalog: SAA544Mu11)

[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.