

MAB526Ge22

Monoclonal Antibody to Lipopolysaccharide (LPS)

Organism Species: *Pan-species (General)*

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: C8

Traits: Liquid

Concentration: 1mg/mL

UOM: 50µL

Cross Reactivity: N/A

Applications: WB; IHC

[IMMUNOGEN]

Immunogen: Small Molecule, LPS conjugated to OVA.

Accession No.: CPB526Ge21

[APPLICATIONS]

Western blotting: 0.01-5µg/mL;

Immunohistochemistry: 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.

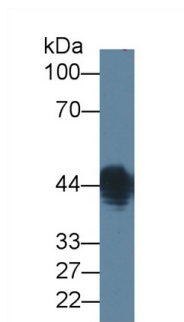
Store at 4°C for frequent use.

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]



Western Blot; Sample: Native

Lipopolysaccharides Primary Ab:

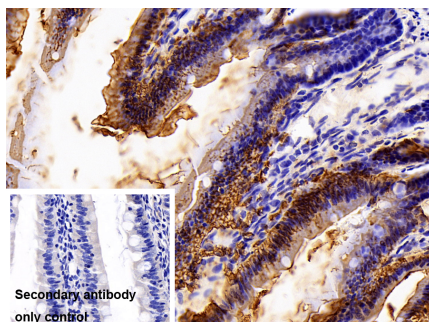
5µg/ml Mouse Anti-Multi-species LPS

Antibody Second Ab: 0.2µg/ml HRP-

Linked Caprine Anti-Mouse IgG

Polyclonal Antibody (Catalog:

SAA544Mu19)



DAB staining on IHC-P; Sample: Rat

Small intestine Tissue Primary Ab:

30µg/ml Mouse Anti-Multi-species LPS

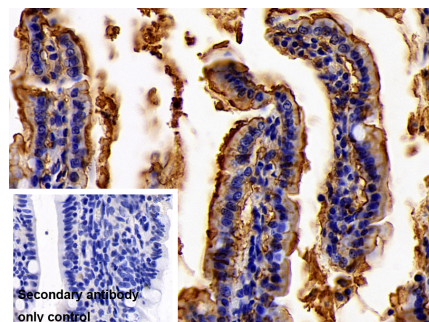
Antibody Control: Used PBS instead of

primary antibody Second Ab: 2?g/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-Multi-

species LPS Antibody

Control: Used PBS instead of primary

antibody

Second Ab: 2?g/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.