Amyloid A Component Ab-1

Catalog # MS-1219-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)
Catalog # MS-1219-R7 (7.0ml)
Catalog # MS-1219-PCS

INTENDED USE:

- ***For In Vitro Diagnostic Use:*** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- ***Description:*** Ab-1 reacts with isolated protein AA in both native fibril form and denatured form. It reacts with amyloid deposits in all organs and tissues including kidney and rectum, and as well as the serum precursor of protein AA.
- ***Expected Staining Pattern:*** Extracellular
- ***Positive Control:*** Amyloid deposits in kidney.

MATERIALS PROVIDED:

Amyloid A Component Ab-1 (refer to catalog number):

- #MS-1219-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.
  or
- #MS-1219-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
  or
- #MS-1219--PCS: 5 positive control slides.

- ***Antibody Concentration:*** Not known
- ***Host:*** Mouse
- ***Species Reactivity:*** Human. Others-not known.
- ***Clone Designation:*** mcl
- ***Ig Isotype / Light Chain:*** IgG2a / kappa
- ***Immunogen:*** Human amyloid A
- ***Microbiological State:*** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- ***Antibody Diluent:*** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- ***Negative Control Reagent:*** Refer to the "General Protocol" instructions.
- ***Visualization System*:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:200 in antibody diluent
Tissue Section Pretreatment	Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.
Primary Antibody Incubation Time	Use Ab for 20 minutes at RT using the LP system, for 30 minutes at RT using the UltraVision or UltraVision ONE detection systems
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.

REFERENCES:

1) Linke RP. Identification of amyloid protein AA with a monoclonal antibody. Blut 1982;45:407-9.
2) Linke RP. Monoclonal antibodies against fibril protein AA. Production, specificity, and use for immunohistochemical localization and classification of AA-type amyloidosis. J Histochem Cytochem 1984;32:322-8.
3) Linke RP. Identification of AA-type amyloid in tissue sections using monoclonal antibodies. In: Peeters H, ed. Protides Biol Fluids. Oxford; Pergamon Press 1983;31:835-8.

Thermo Fisher Scientific
Anatomical Pathology
47777 Warm Springs Blvd.
Fremont, CA 94539, USA
Tel: 1-510-991-2800
Fax: 1-510-991-2826
http://www.thermo.com/labvision

Manufactured by:
NeoMarkers
For
Lab Vision Corporation

Thermo Fisher Scientific
Anatomical Pathology
93-96 Chadwick Road, Astmoor
Runcorn, Cheshire WA7 1PR, UK
Tel: 44-1928-562600
Fax: 44-1928-562627
Labvision.uk@thermofisher.com