Thermo SCIENTIFIC

IVD DATA SHEET
Rev 060509B

ALK (Anaplastic Lymphoma Kinase) / p80 Ab-1

Catalog # MS-1104-S0, -S1, or -S (0.1ml, 0.5ml, or 1.0ml)
Catalog # MS-1104-R7 (7.0ml)

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:*** ALK / p80 is a hybrid of the anaplastic lymphoma kinase (ALK) gene and the nucleophosmin (NPM) gene resulting from the t(2;5)(p23;q35) translocation found in a third of large cell lymphomas.
- ***Expected Staining Pattern:*** Cytoplasmic and/or nuclear
- ***Positive Control:*** Anaplastic lymphoma

MATERIALS PROVIDED:

ALK (Anaplastic Lymphoma Kinase) / p80 Ab-1 (refer to catalog number):

- #MS-1104-S (or -S0, -S1): Tissue culture supernatant, concentrated, with 0.09% Sodium Azide.
  or
- #MS-1104-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.

- ***Antibody Concentration:*** Not known
- ***Host:*** Mouse
- ***Mol. Wt. of Antigen:*** 80kDa
- ***Epitope:*** aa 419-520 (tyrosine kinase domain)
- ***Species Reactivity:*** Human. Others not-tested.
- ***Clone Designation:*** 5A4
- ***Ig Isotype / Light Chain:*** IgG1
- ***Immunogen:*** Recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the C-terminus of the NPM-ALK transcript (419-520aa).
- ***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	1:40-1:80 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	60 minutes at Room Temperature
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) Pittaluga S, et al. American Journal of Pathology. 151(2):343-351 (1997).
2) Pulford K, et al. Blood. 89(4): 1394-1404 (1997)
3) Downing J R, et al. Bloob. 85(12): 3416-3422 (1995).

Thermo Fisher Scientific
Anatomical Pathology
46360 Fremont Blvd..
Fremont, CA 94538, USA
Tel: 1-510-771-1560
Fax: 1-510-771-1570
http://www.thermo.com/labvision

CE IVD

Manufactured by:
NeoMarkers
For
Lab Vision Corporation

EC REP

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