

Adrenocorticotrophic Hormone (ACTH) Ab-1

Catalog # MS-452-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # MS-452-R7 (7.0ml)

Catalog # MS-452-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 is excellent for staining of routine formalin-fixed, paraffin-embedded tissues. It labels corticotrophs in the adenohypophysis and is useful in the classification of pituitary adenomas. NeoMarkers' Ab-1 and Ab-2 may provide a pair for ELISA.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** Normal pituitary gland or pituitary adenoma.

MATERIALS PROVIDED:

Adrenocorticotrophic Hormone (ACTH) Ab-1 (refer to catalog number):

- #MS-452-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
or
- #MS-452-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-452-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Mouse
- **Epitope:** aa 1-24
- **Species Reactivity:** Human. It shows a broad species reactivity.
- **Clone Designation:** AH26
- **Ig Isotype / Light Chain:** IgG1
- **Immunogen:** A synthetic peptide corresponding to aa 1-24 from the N-terminal of human ACTH.
- **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	1:500-1:1000 in antibody diluent
Tissue Section Pretreatment	No special pretreatment is required for immuno-histochemical staining of formalin-fixed tissues.
Primary Antibody Incubation Time	30 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) Hsu DW; et al. American Journal of Pathology, 1991 Apr, 138(4):897-909.
- 2) Kasper M; et al. Journal fur Hirnforschung, 1991, 32(6):725-34.