



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Anti-FIV gp41 Monoclonal (NM4-5A1)

**Catalog Number:** 4817

**Lot Number:** 098156

**Release Category:** A

**Provided:** 0.5 mg, SpA purified from tissue culture supernatant and supplied in PBS pH7.2 with 0.05% sodium azide as preservative.

**Description:** FIV gp41 transmembrane protein (tmp). This MAb is specific for FIV gp41 tmp from the Petaluma isolate and from the 34TF10 molecular clone expressed in CrFK cells.

**Host Site:** Balb/c x NS-1 (Mouse).

**Special Characteristics:** Applications: Western Blot (Recognizes bands of 140 and 41 kDa); ELISA (binds 34TF10, Petaluma); FIV neutralization (unknown); Affinity Chromatography (unknown); Immunohistochemistry (unknown); FACS (unknown).  
No activity against Feline Leukemia Virus (FeLV), Feline Herpes Virus type 1, Feline Coronavirus and Feline Calcivirus.

**Recommended Storage:** Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

**Contributor:** DAIDS, NIAID. Produced by Custom Monoclonals International.

**Isotype:** IgG<sub>1</sub> κ.

**References:** (None)

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-FIV gp41 Monoclonal (NM4-5A1).

**Last Updated**

April 27, 2015

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