



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Anti-FIV p24 Monoclonal (P24CR1)
<b>Catalog Number:</b>	9777
<b>Lot Number:</b>	1
<b>Release Category:</b>	A
<b>Provided:</b>	0.5 mg/vial, SpA purified from tissue culture supernatant and supplied in PBS pH 7.2 with 0.05% sodium azide as preservative.
<b>Special Characteristics:</b>	MAb is directed to a p24 epitope distinct from the immunodominant p24 epitope bound by MAb PAK3-2C1. MAb is negative if tested against Feline Leukemia Virus; Feline Herpes Virus type 1; Feline Coronavirus and Feline Calicivirus. <b>Properties</b> <b>Western blot:</b> In reducing gels, and using ultracentrifuge precipitated FIV, this MAb gives a dominant and FIV specific band at about <b>24</b> kD. <b>ELISA:</b> Superb capture when used with PAK3-2C1-biotin conjugated monoclonal anti-p24 probe, e.g. to provide a quantitative ELISA to titrate FIV p24 production from cultured FIV infected cat lymphocytes. <b>FIV neutralization:</b> Probably negative. <b>Affinity Chromatography:</b> Not known. <b>Immunofluorescence:</b> Positiveξ <b>Immunohistochemistry:</b> Positive using acetone fixed cells; provides bright, punctuate, cytoplasmic staining. <b>FACS Analysis:</b> Under investigation.
<b>Recommended Storage:</b>	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	Custom Monoclonals, Dr. Chris Grant
<b>Isotype:</b>	IgG <sub>1</sub> kappa

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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.

**References:** None.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Anti-FIV p24 Monoclonal (P24CR1) (Cat#9777) from Custom Monoclonals." Also include the references cited above in any publications.

**Last Updated** April 27, 2015

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