

## ARG22666 anti-Feline Leukaemia Virus p15E antibody [PF6J-2A1]

Package: 100 µg

Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | <p>Mouse Monoclonal antibody [PF6J-2A1] recognizes Feline Leukaemia Virus p15E</p> <p>This antibody recognizes an epitope within the amino-terminal domain of both the 20 kDa full-length (including intracellular sequence), and the 15k Da truncated forms, of feline leukaemia virus (FeLV) p15e transmembrane envelope protein.</p> <p>Persistent infection of cats with the oncoretrovirus FeLV can result in the non-neoplastic condition known as FeLV-associated enteritis (FAE). Studies have shown strong expression of the major FeLV proteins p15e and gp70 in intestinal crypt epithelial cells of cats with FAE, compared to FeLV-positive cats without intestinal alterations, thereby suggesting a pathogenic role for these envelope proteins/precursors in FAE.</p> |
| Tested Reactivity   | Virus   |
| Tested Application  | IHC-P, IP, WB   |
| Host                | Mouse   |
| Clonality           | Monoclonal  |
| Clone               | PF6J-2A1  |
| Isotype             | IgG2a   |
| Target Name         | Feline Leukaemia Virus p15E   |
| Species             | Virus   |
| Conjugation         | Un-conjugated   |

### Application Instructions

| Application table | Application  | Dilution        |
|-------------------|--|-----------------|
|                   | IHC-P  | Assay-dependent |
|                   | IP   | Assay-dependent |
|                   | WB   | 1:2000          |
| Application Note  | <p>WB: This antibody detects bands of ~ 15 kDa and 20 kDa under reducing conditions.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> |                 |

### Properties

|               |                              |
|---------------|------------------------------|
| Form          | Liquid                       |
| Purification  | Purification with Protein A. |
| Buffer        | PBS and 0.05% Sodium azide.  |
| Preservative  | 0.05% Sodium azide           |
| Concentration | 1 mg/ml                      |

**Storage instruction**

For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.