

## Mouse Leukemia Virus p27 Monoclonal Antibody

Feline Leukemia Virus p27 antibody

|                              |                      |                                            |
|------------------------------|----------------------|--------------------------------------------|
| CATALOG #<br><b>AAA74604</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|----------------------|--------------------------------------------|

### PRODUCT SYNONYMS

Leukemia Virus p27; Monoclonal Antibody; Feline Leukemia Virus p27 antibody; Monoclonal Feline Leukemia Virus p27; Anti-Feline Leukemia Virus p27; FeLV gp27; FeLV; anti-Leukemia Virus p27 antibody

### PRODUCT SPECIFICATIONS

|                                                              |                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                         | Mouse                                                                                                                                                                                                                                                                                                                                                   |
| Clonality                                                    | Monoclonal                                                                                                                                                                                                                                                                                                                                              |
| Isotype                                                      | IgG1 kappa                                                                                                                                                                                                                                                                                                                                              |
| Clone Number                                                 | M510603                                                                                                                                                                                                                                                                                                                                                 |
| Specificity                                                  | FeLV                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification                                          | Feline Leukemia Virus p27 antibody was purified by affinity chromatography.                                                                                                                                                                                                                                                                             |
| Form/Format                                                  | Liquid in PBS, pH 7.2 with 0.09% Sodium Azide.                                                                                                                                                                                                                                                                                                          |
| Concentration                                                | 4.3mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-Leukemia Virus p27 antibody | WB (Western Blot), ELISA                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                                    | Native protein                                                                                                                                                                                                                                                                                                                                          |
| Cross Reactivity                                             | <b>p27 antigen (anti gag) and higher molecular weight gag precursors containing p27. Recognizes all FeLV isolates tested (&gt;25).</b>                                                                                                                                                                                                                  |
| Biological Significance                                      | Feline leukemia virus (FeLV) is a retrovirus that infects cats. FeLV can be transmitted between infected cats when the transfer of saliva or nasal secretions is involved. If not defeated by the animal's immune system, the virus can be lethal. The disease caused by this virus is a form of cancer of blood cells called lymphocytes (a leukemia). |
| Biohazard Information                                        | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.                                                                                                                                                                                        |
| Preparation and Storage                                      | Store at 4°C for short term storage.<br>For long term storage, store at 20°C.                                                                                                                                                                                                                                                                           |

### ADDITIONAL INFORMATION

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|------------------------------------------------------------------|-----------------------------------------------------|
| Related Product Information for anti-Leukemia Virus p27 antibody | Mouse monoclonal Feline Leukemia Virus p27 antibody |
| Product Categories/Family for anti-Leukemia Virus p27 antibody   | <a href="#">Veterinary</a>                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.