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## Anti-Squirrel Parapoxvirus D3R Monoclonal Antibody (MP-K2533) (Mouse IgG)

**Cat: MPYF-1122-KX1733**

This product is for research use only and is not intended for diagnostic use.

The antibody customized production platform is used to screen the mouse monoclonal antibodies with at least 5 synthetic peptides of Squirrel Parapoxvirus D3R. The mAb with highest affinity will be selected. The selected antibody recognizes Squirrel Parapoxvirus D3R. The isotype is Mouse IgG. It can be used in applications: WB (Other applications need to be tested.).

### Product Description

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Target             | D3R                                                                                                                         |
| Species Reactivity | Squirrel Parapoxvirus                                                                                                       |
| Strain             | Red squirrel UK                                                                                                             |
| Cross Reactivity   | D3R                                                                                                                         |
| Specificity        | This antibody recognizes monkeypox virus (MPXV) D3R.                                                                        |
| Antibody Isotype   | Mouse IgG                                                                                                                   |
| Clone              | MP-K2533                                                                                                                    |
| Clonality          | Monoclonal Antibody                                                                                                         |
| Purity             | ≥95% (SDS-PAGE)                                                                                                             |
| Purification       | Purified by Protein A/G chromatography.                                                                                     |
| Applications       | WB (Other applications need to be tested.)                                                                                  |
| Buffer             | PBS, pH 7.4                                                                                                                 |
| Storage            | Store at 4°C for short term (1 week), store at -20°C to -80°C for long term (1 year).<br>Avoid repeated freeze-thaw cycles. |

### Target

|                   |                                                                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target            | D3R                                                                                                                                                                                                                                                                                                                                  |
| Gene Name         | D3R                                                                                                                                                                                                                                                                                                                                  |
| Introduction      | SQPV is a virus that causes the deadly disease squirrelpox in the United Kingdom red squirrels. The virus is commonly carried by gray squirrels, which rarely die from the disease. In red squirrels, the virus causes skin ulcers, lesions, and scabs. It is also accompanied by swelling near the eyes, mouth, feet, and genitals. |
| Alternative Names | D3R; SQPV_0740; conserved hypothetical pox protein                                                                                                                                                                                                                                                                                   |

Official Symbol conserved hypothetical pox protein

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Gene ID [18158353](#)

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UniProt ID [U3UBA2](#)

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