### Product Details

**Applications**

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Serotec target unmasking fluid (STUF) product code **BUF025A/B/C** is recommended for this purpose.

**Target Species**

Viral

**Species Cross Reactivity**

Reacts with: Raccoon dog

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

**Product Form**

Purified IgG - liquid
### Preparation
Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.

### Buffer Solution
Phosphate buffered saline

### Preservative Stabilisers
0.05% Sodium Azide

### Approx. Protein Concentrations
IgG concentration 1.0mg/ml

### RRID
AB_323083

### Specificity
**Mouse anti canine distemper virus antibody, clone DV2-12** recognizes canine distemper virus nucleoprotein. In western blots the antibody recognizes bands of ~76 kDa, 68 kDa, 54 kDa and 32 kDa under reducing conditions.

Mouse anti canine distemper virus antibody, clone DV2-12 is useful for the detection of CDV in immunofluorescence procedures, in which the staining seen has a cytoplasmic pattern in infected cells. It is also effective in paraffin embedded material.

Mouse anti canine distemper virus antibody, clone DV2-12 is anti morbillivirus specific and reacts with phocine distemper virus, racoon distemper virus and human measles virus. It does not cross react with CAV2, CCV, CPI or CPV.

### References

### Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

### Guarantee

12 months from date of despatch

### Health And Safety Information


### Regulatory

For research purposes only

### Related Products

#### Recommended Secondary Antibodies

- Goat Anti Mouse IgG (STAR77...) **HRP**
- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **Alk. Phos., HRP**
- Goat Anti Mouse IgG (STAR76...) **RPE**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Goat Anti Mouse IgG (STAR70...) **FITC**
- Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**