**DESCRIPTION**

**Species Reactivity**  
Mouse

**Specificity**  
Detects mouse Complement Component C3d in direct ELISAs and Western blots.

**Source**  
Polyclonal Goat IgG

**Purification**  
Antigen Affinity-purified

**Immunogen**  
E. coli-derived recombinant mouse Complement Component C3d
His1002-Arg1303 (Cys1010Ser)
Accession # P01027

**Formulation**  
Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.

*Small pack size (SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

**APPLICATIONS**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Western Blot</th>
<th>Immunohistochemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.1 μg/mL</td>
<td>Recombinant Mouse Complement Component C3d</td>
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<tr>
<td></td>
<td>5-15 μg/mL</td>
<td>See Below</td>
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</tbody>
</table>

**DATA**

*Immunohistochemistry*

Complement Component C3d in Mouse Kidney. Complement Component C3d was detected in perfusion fixed frozen sections of mouse kidney using Goat Anti-Mouse Complement Component C3d Antigen Affinity-purified Polyclonal Antibody (Catalog # AF2655) overnight at 4 °C. Tissue was stained using the NorthernLights™ 557-conjugated Anti-Goat IgG Secondary Antibody (red; Catalog # NL001) and counterstained with DAPI (blue). Specific staining was localized to basement membrane. View our protocol for Fluorescent IHC Staining of Frozen Tissue Sections.

**PREPARATION AND STORAGE**

**Reconstitution**  
Reconstitute at 0.2 mg/mL in sterile PBS.

**Shipping**  
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

**Stability & Storage**  
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.