**Description:** MOUSE ANTI RAT KAPPA LIGHT CHAIN:HRP

**Specificity:** KAPPA LIGHT CHAIN (IgKa PREFERENCE)

**Format:** HRP

**Product Type:** Monoclonal Antibody

**Clone:** OX-12

**Isotype:** IgG2a

**Quantity:** 0.5 mg

### Product Details

**Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>✔</td>
<td></td>
<td>1/500 - 1/1000</td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species** Rat

**Product Form** Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

**Preparation** Purified IgG prepared by affinity chromatography on Protein G

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.01% Thiomersal

**Approx. Protein Concentrations** IgG concentration 1.0 mg/ml
Immunogen: F(ab')_2 fragment of rat IgG.

External Database Links

- UniProt: P01836 Related reagents
- P01835 Related reagents

Entrez Gene: 500180 LOC500180 Related reagents

RRID: AB_567002

Fusion Partners: Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.

Specificity: Mouse anti Rat Kappa Light Chain antibody, clone OX-12 recognizes rat kappa chains, showing a marked preference for binding to the Igk\(^a\) allotype which is present in AGUS, AO, AUG, BN, LEW, LOU, PVG and WAG strains but not in ACI, DA, F344, MSU or SHR rat strains. This product is routinely tested in flow cytometry on rat splenic lymphocytes.

References:
997-1009.

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10094 available at:

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)

© 2021 Bio-Rad Laboratories Inc  |  Legal  |  Imprint