Datasheet: AHP423

Product Details

Description: RABBIT ANTI SHEEP INTERLEUKIN-1 BETA
Specificity: IL-1 BETA
Format: Serum
Product Type: Polyclonal Antibody
Isotype: Polyclonal IgG
Quantity: 0.1 ml

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.

<table>
<thead>
<tr>
<th>Applications</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>1/500</td>
<td></td>
<td></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
Sheep

Species Cross Reactivity
Reacts with: Bovine
Based on sequence similarity, is expected to react with: Goat
N.B. Antibody reactivity and working conditions may vary between species.

Product Form
Serum - liquid

Antiserum Preparation
Antisera to ovine IL-1 beta were raised by repeated immunisation of rabbits with highly purified antigen.

Preservative Stabilisers
0.09% Sodium Azide (NaN₃)

Immunogen
Recombinant IL-1 beta.

External Database Links
UniProt: P21621
Related reagents
Entrez Gene:
**Specificity**

*Rabbit anti Sheep interleukin 1β antibody* recognizes ovine interleukin-1 beta (IL-1 beta). No cross-reactivity is seen with ovine IL-6, IL-8, MCP-1 or TNF alpha.

Rabbit anti Sheep interleukin 1β antibody neutralizes the bioactivity of ovine IL-1 beta. Removal of sodium azide is recommended prior to use in functional assays.

**References**


**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.

**Shelf Life**

18 months from date of despatch.

**Health And Safety Information**

Material Safety Datasheet documentation #10081 available at:

**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**
Sheep Anti Rabbit IgG (STAR34...)  FITC
Goat Anti Rabbit IgG (H/L) (STAR124...)  HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)  Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...)  RPE
Sheep Anti Rabbit IgG (STAR36...)  DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800
Sheep Anti Rabbit IgG (2AB02...)  Biotin

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)