**Product:** Anti-Codeine Antibody

**Synonyms:** Not available

**Immunogen:** Codeine-BSA

<table>
<thead>
<tr>
<th>Pack sizes</th>
<th>Cat. No.</th>
<th>Immunogen</th>
<th>Host Species</th>
<th>Isotype</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mg</td>
<td>PAS9685</td>
<td>Codeine-BSA</td>
<td>Ovis aries (Sheep)</td>
<td>IgG</td>
</tr>
<tr>
<td>10 mg</td>
<td>PAS9516</td>
<td></td>
<td>Texel</td>
<td></td>
</tr>
</tbody>
</table>

**Host Breed:** Texel

**Format:** Clear liquid

**Clonality:** Polyclonal

**pH:** 7.4

**Buffer:** 20mM Phosphate, 150mM Sodium Chloride.

**Preservative:** 0.09% Sodium Azide.

**Recommended Working Concentration**: 1/2K

*The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Assessment Method:** Competitive ELISA

**Species Reactivity:** N/A

**Storage:**
Can be stored for up to 3 months at +2°C - +8°C.
For long term storage, aliquot and store at ≤ -20°C.
Avoid repeated freeze/thaw cycles.
Product should be protected from light exposure.

**Recommended Applications:**
The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.

**Sensitivity:**
10 ng/mL Morphine sulphate produces 90% inhibition in a competitive ELISA employing Codeine polyclonal antibody.

**Target Specificity**: ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds: Oxycodone 1.5%, Morphine Sulphate 4.4%, Thebaine 7.5%, Dihydrocodeine 4.2%, Morphine 3β Glucuronide 1.4%, Morphine 6β Glucuronide 0.8% and 6Monoacetyl Morphine 75%.

* Cross reactivity profile may vary with tracer used.

**Notes & Precautions:**
Antibody can be affinity purified on request. This product as supplied is intended for research applications only, not for use in therapeutic or diagnostic applications without the expressed written authorization of Randox BioReagents. A safety data sheet (SDS) can be supplied upon request. Vial should be centrifuged briefly before opening to ensure all material is removed from the vial cap.

Information correct at time of going to print