

Datasheet: AHP2004

Description:	SHEEP ANTI HYDROCODONE
Specificity:	HYDROCODONE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.25 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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1.25ug/ml

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Chemical
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by caprylic acid and ammonium sulphate precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1mg/ml
Immunogen	Hydrocodone(6)-BTG.

Specificity

Sheep anti Hydrocodone antibody recognises hydrocodone, also known as dihydrocodone, a semi-synthetic opioid derived from two of the naturally occurring opiates, codeine and thebaine. It is used as an analgesic and cough suppressant. As an analgesic, it is commonly combined with another analgesic, such as paracetamol (acetaminophen) or aspirin, increasing its effectiveness without increasing opioid-related side-effects.

Hydrocodone may be used recreationally, but since most preparations are available as combinations, with paracetamol present in most, hepatotoxicity from excessive paracetamol ingestion is a potential problem.

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. 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 available at:
Material Safety Datasheet Documentation #10040 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),
[FITC](#), [HRP](#)

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