



# Mouse anti-Hydrocodone Monoclonal Antibody, clone IN2146 (CABT-L5301M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Hydrocodone 100%; Morphine, Codeine, Hydromorphone 50%; 6-MAM, Oxycodone, Oxymorphone <1%
<b>Immunogen</b>	Hydrocodone-BSA
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	IN2146
<b>Purification</b>	Ion exchange purification, purity> 90% by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, LFIA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	1 mg
<b>Buffer</b>	Supplied in 0.015M Potassium Phosphate Buffer, pH 7.2 with 0.85% Sodium Chloride.
<b>Preservative</b>	0.05% NaN <sub>3</sub>
<b>Storage</b>	Short Term: 2-8 °C. Long Term: -20 °C. Avoid repeated freezing and thawing.

# BACKGROUND

Introduction	Hydrocodone, sold under the brand name Hysingla among others, is an opioid used to treat severe pain of a prolonged duration, if other measures are not sufficient. It is also used as a cough suppressant in adults. Hydrocodone is used to treat moderate to severe pain. In liquid formulations, it is used to treat cough. In one study comparing the potency of hydrocodone to that of oxycodone, it was found that it took 50% more hydrocodone to achieve the same degree of miosis (pupillary contraction).
Keywords	dihydrocodeinone;4,5a-Epoxy-3-methoxy-17-methylmorphinan-6-one;Bekadid;Codinovo;Dicodid