



# Mouse Anti-Hygromycin B monoclonal antibody, clone HMB (CABT-L2534)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Hygromycin B
<b>Immunogen</b>	Hygromycin B with carrier protein
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	HMB
<b>Purification</b>	Purified from mouse ascites.
<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>	PBS
<b>Preservative</b>	None
<b>Storage</b>	-20°C. Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction** Hygromycin B is an antibiotic produced by the bacterium *Streptomyces hygroscopicus*. It is an aminoglycoside that kills bacteria, fungi and higher eukaryotic cells by inhibiting protein synthesis. Hygromycin B was originally developed in the 1950s for use with animals and is still added into swine and chicken feed as an anthelmintic or anti-worming agent. Hygromycin B is produced by *Streptomyces hygroscopicus*, a bacterium isolated in 1953 from a soil sample. Resistance genes were discovered in the early 1980s.

**Keywords** Hygromycin B;Santihelmycin;hydromycinb;hygromix2.4;hygromix-8;hygrovetine;Hygromycin Solution;hygromycin B aqueous solution;hygromycin B from streptomyces hygroscopicus;hygromycin B plant cell culture tested;hygromycin B solution from streptomyc

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