



# 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

Specificity	Hygromycin B
Immunogen	Hygromycin B with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	HMB
Purification	Purified from mouse ascites.
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS
Preservative	None
Storage	-20°C. Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

Hygromycin B is an antibiotic produced by the bacterium *Streptomyces hygrosopicus*. 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 hygrosopicus*, 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 hygrosopicus;hygromycin B plant cell culture tested;hygromycin B solution from streptomyc