



# Anti-Cmm polyclonal antibody [AP] (CABT-BL6281)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Antiserum is developed in rabbit using pure cultures of bacteria as immunogen.
<b>Source/Host</b>	Rabbit
<b>Purification</b>	caprylic acid purified
<b>Conjugate</b>	AP
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	0.2 ml/1 ml
<b>Buffer</b>	In 0.05 M TRIS buffer, pH 8.0 and 50% glycerol.
<b>Storage</b>	The antibody should be stored at 2-8°C. For storage longer than one year, the solution may be frozen at -20°C. Repeated freezing and thawing is not recommended. The solution may be frozen in aliquots if necessary. The antibody has a shelf-life of 2 years after date of purchase.

## BACKGROUND

**Introduction** The bacterium is located in the xylem vessels where it can cause lysigenous cavities. Infected vessels contain viscous granular deposits, tyloses and bacterial masses. The pathogen also produces a toxic glycopeptide which has biological activity. The bacterium survives for a long time in plant debris, soil and on equipment and glasshouse structures. It probably does not survive long in soil per se. However, it remains viable for at least 8 months in seeds.

**Keywords** Clavibacter michiganensis subsp michiganensis; Cmm; Corynebacterium michiganense pv. Michiganense; Corynebacterium michiganense