



# Anti-Y. pestis V Antigen monoclonal antibody, clone Wa49 (DMAB4524)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to Yersinia pestis V Antigen
<b>Antigen Description</b>	Yersinia pestis (formerly Pasteurellapestis) is a Gram-negative rod-shaped bacterium belonging to the family Enterobacteriaceae. It is a facultative anaerobe that can infect humans and other animals.
<b>Specificity</b>	Yersinia pestis, V antigen
<b>Immunogen</b>	Recombinant full-length V antigen of Yersinia pestis
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Y. pestis
<b>Clone</b>	Wa49
<b>Affinity Constant</b>	Not determined
<b>Purification</b>	>95% pure. Protein G chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	8mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 mg

<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2–8°C.

## BACKGROUND

**Introduction** Yersinia pestis has a number of virulence factors that enable it to survive in humans by facilitating use of host nutrients, causing damage to host cells, and subverting phagocytosis and other host defense mechanisms. Yersinia pestis is possibly involved in c

**Keywords** LcrV; Low calcium response locus protein V; V antigen antihost protein/regulator; V antigen LcrV; Virulence associated V antigen; Bacteria; Eubacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Yersinia; Y. pestis; Yersin