



Anti-Y. pestis V Antigen Monoclonal antibody, Clone Wa14 (DMAB4522)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Yersinia pestis V Antigen
Antigen Description	Yersinia pestis (formerly Pasteurella pestis) is a Gram-negative rod-shaped bacterium belonging to the family Enterobacteriaceae. It is a facultative anaerobe that can infect humans and other animals.
Specificity	Yersinia pestis V antigen. Does not react with Y. pestis F1 antigen, E. coli and B anthracis protective antigen and spores.
Target	Y. pestis V Antigen
Immunogen	Recombinant full-length V antigen of Yersinia pestis.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Y. pestis
Clone	Wa14
Affinity Constant	Not determined.
Purification	>95% pure. Protein G chromatography.
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Purified, Liquid

Concentration	10mg/ml (OD280nm, E0.1% = 1.4)
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	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