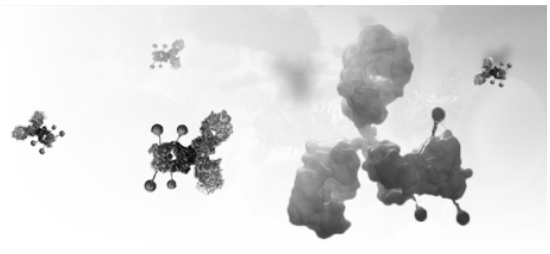

Anti-Y. pestis V Antigen Monoclonal antibody, Clone Wa14 (DMAB4522)

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 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.
Specificity	Yersinia pestis V antigen. Does not react with Y. pestis F1 antigen, E. coli and B anthracis protective antigenand 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
Procedure	Matched Antibody Pairs
Format	Purified, Liquid
Concentration	10mg/ml (OD280nm, E0.1% = 1.4)
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2–8°C.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European

	Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction	Yerisiniapestis hasa number of virulence factors that enable it to survive in humans by facilitatinguse of host nutrients, causing damage to host cells, and subvertingphagocytosis and other host defense mechanisms. Yerisiniapestis is possiblyinvolved 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