



Mouse Anti-Vitamin K1 monoclonal antibody, clone VK1 (CABT-L7822)

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

PRODUCT INFORMATION

Immunogen	VK1 with carrier protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	VK1
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA, LFIA
Format	Liquid
Concentration	Lot specific
Buffer	PBS
Preservative	None
Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Introduction

Vitamin K is a group of structurally similar; fat-soluble vitamins the human body requires for complete synthesis of certain proteins that are prerequisites for blood coagulation that the body needs for controlling binding of calcium in bones and other tissues. The vitamin K-related modification of the proteins allows them to bind calcium ions; which they cannot do otherwise. Without vitamin K, blood coagulation is seriously impaired; and uncontrolled bleeding occurs. Low levels of vitamin K also weaken bones and promote calcification of arteries and other soft tissues.

Keywords

Vitamin K1; VK1; phylloquinone; phytomenadione; phytonadione