

Datasheet for ABIN7478143
anti-Borrelia Burgdorferi antibody (Biotin)



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Overview

Quantity:	1 mL
Target:	Borrelia Burgdorferi
Reactivity:	Borrelia burgdorferi
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Borrelia Burgdorferi antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Whole cell preparation from B. burgdorferi
Isotype:	IgG
Specificity:	Reactive Western Blot bands at 83kD, 41kD, 34kD and 31kD + additional low MW bands
Cross-Reactivity (Details):	Cross-reacts with Treponema pallidum, B. hermsii & B. parkerii
Purification:	This product consists of purified IgG fraction of neat antiserum covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.

Target Details

Target:	Borrelia Burgdorferi
Abstract:	Borrelia Burgdorferi Products

Application Details

Application Notes: TITER : >1:1,000 in Western Blot. >1:40,000 in avidin-biotin IFA

Possible applications for this product include avidin and streptavidin amplification systems for immunohistochemistry, ELISA, fluorescence microscopy and immunoblotting. In addition, this product may be used in place of neat antiserum in almost any appropriate antibody-based technique. Functions well in formalin fixed/paraffin embedded settings

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: The product is formulated in a phosphate saline buffer (0.01M, pH 7.2) containing 0.1 % sodium azide preservative. No stabilizing proteins have been added.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Recommended short term (<6 months) storage is liquid at 2-8°C. For longer term storage, aliquot and freeze.
