

Datasheet for ABIN7158643
anti-LY96 antibody (AA 19-160) (Biotin)



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Overview

Quantity:	100 µg
Target:	LY96
Binding Specificity:	AA 19-160
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LY96 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Lymphocyte antigen 96 protein (19-160AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LY96
Alternative Name:	LY96 (LY96 Products)
Background:	Background: Binds bacterial lipopolysaccharide (LPS) (PubMed:17803912, PubMed:17569869). Cooperates with TLR4 in the innate immune response to bacterial lipopolysaccharide (LPS),

Target Details

and with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria (PubMed:11160242, PubMed:11593030). Enhances TLR4-dependent activation of NF-kappa-B (PubMed:10359581). Cells expressing both LY96 and TLR4, but not TLR4 alone, respond to LPS (PubMed:10359581).

Aliases: ESOP 1 antibody, ESOP-1 antibody, ESOP1 antibody, LY 96 antibody, Ly-96 antibody, LY96 antibody, LY96_HUMAN antibody, Lymphocyte antigen 96 antibody, md 2 antibody, MD 2 protein antibody, MD2 protein antibody, Myeloid differentiation protein 2 antibody, Protein MD 2 antibody, Protein MD-2 antibody, Protein MD2 antibody

UniProt: [Q9Y6Y9](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.