

## LY96 Polyclonal Antibody

<b>Catalog No :</b>	YN2063
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	LY96
<b>Fields :</b>	>>NF-kappa B signaling pathway;>>Toll-like receptor signaling pathway;>>Alcoholic liver disease;>>Salmonella infection;>>Pertussis;>>Toxoplasmosis;>>Lipid and atherosclerosis
<b>Gene Name :</b>	LY96 ESOP1 MD2
<b>Protein Name :</b>	Lymphocyte antigen 96 (Ly-96) (ESOP-1) (Protein MD-2)
<b>Human Gene Id :</b>	23643
<b>Human Swiss Prot No :</b>	Q9Y6Y9
<b>Mouse Swiss Prot No :</b>	Q9JHF9
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	LY96 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Observed Band :</b>	17kD
<b>Cell Pathway :</b>	Toll_Like;Pathogenic Escherichia coli infection;
<b>Background :</b>	This gene encodes a protein which associates with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. Studies of the mouse ortholog suggest that this gene may be involved in endotoxin neutralization. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2010],
<b>Function :</b>	function:Cooperates with TLR4 in the innate immune response to bacterial lipopolysaccharide (LPS), and with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria. Enhances TLR4-dependent activation of NF-kappa-B. Cells expressing both MD2 and TLR4, but not TLR4 alone, respond to LPS.,PTM:N-glycosylated; high-mannose.,subunit:Heterogeneous homopolymer formed from homodimers; disulfide-linked. Belongs to the lipopolysaccharide (LPS) receptor, a multi-protein complex containing at least CD14, LY96 and TLR4. Binds to the extracellular domains of TLR2 and TLR4. Ligand binding induces interaction with TLR4 and oligomerization of the complex.,
<b>Subcellular Location :</b>	Secreted, extracellular space . Secreted . Retained in the extracellular space at the cell surface by interaction with TLR4 (PubMed:10359581). .
<b>Expression :</b>	Liver,Uterus,

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