



Anti-LY96 (middle region) polyclonal antibody (CPBT-55571RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human LY96.
Antigen Description	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.
Immunogen	Synthetic peptide corresponding to amino acids near the middle region of human MD2, between residues 110 and 160.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	IgG fraction
Conjugate	Unconjugated
Applications	FC, IHC-P, IHC-Fr, WB, ICC/IF, IHC-P
Cellular Localization	Secreted # extracellular space.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium AzideConstituents: PBS

Preservative	0.02% Sodium Azide
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Storage	Store at +4°C.
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GENE INFORMATION

Gene Name	LY96 lymphocyte antigen 96 [Homo sapiens]
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Official Symbol	LY96
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Synonyms	LY96; lymphocyte antigen 96; MD 2; ESOP 1; ESOP-1; ESOP1; LY 96; Ly-96; LY96; LY96_HUMAN; Lymphocyte antigen 96 [; Lymphocyte antigen 96; md 2; MD 2; MD 2 protein; MD2 protein; Myeloid differentiation protein 2; Protein MD 2; Protein MD-2; Protein MD2; protein MD-2; myeloid differentiation protein-2; MD2; MD-2; ly-96; ESOP-1;
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Entrez Gene ID	23643
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Protein Refseq	NP_056179
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UniProt ID	Q9Y6Y9
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Chromosome Location	8q13.3
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Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of IRF3/IRF7 mediated by TBK1/IKK epsilon, organism-specific biosystem; IKK complex recruitment mediated by RIP1, organism-specific biosystem; IRAK2 mediated activation of TAK1 complex, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88 cascade initiated on plasma membrane, organism-specific biosystem; MyD88-independent cascade initiated on plasma memb
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Function	coreceptor activity; lipopolysaccharide receptor activity; protein binding;
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