

CD14 rabbit pAb

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| Catalog No : | YT7957 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | WB;ELISA |
| Target : | CD14 |
| Fields : | >>MAPK signaling pathway;>>NF-kappa B signaling pathway;>>Phagosome;>>Toll-like receptor signaling pathway;>>Hematopoietic cell lineage;>>Alcoholic liver disease;>>Shigellosis;>>Salmonella infection;>>Pertussis;>>Legionellosis;>>Amoebiasis;>>Tuberculosis;>>Transcriptional misregulation in cancer;>>Acute myeloid leukemia;>>Lipid and atherosclerosis |
| Gene Name : | CD14 |
| Protein Name : | CD14 |
| Human Gene Id : | 929 |
| Human Swiss Prot No : | P08571 |
| Mouse Gene Id : | 12475 |
| Mouse Swiss Prot No : | P10810 |
| Rat Gene Id : | 60350 |
| Rat Swiss Prot No : | Q63691 |
| Immunogen : | Synthesized peptide derived from human CD14 |
| Specificity : | This antibody detects endogenous levels of Human CD14 |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |

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| Dilution : | WB 1:1000-2000 ELISA 1:5000-20000 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Molecularweight : | 41kD |
| Background : | The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Mar 2010], |
| Function : | function:Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.,online information:CD14 entry,similarity:Contains 11 LRR (leucine-rich) repeats.,subunit:Belongs to the lipopolysaccharide (LPS) receptor, a multi-protein complex containing at least CD14, MD-2 and TLR4.,tissue specificity:Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages., |
| Subcellular Location : | Cell membrane ; Lipid-anchor, GPI-anchor . Secreted . Membrane raft . Golgi apparatus . Secreted forms may arise by cleavage of the GPI anchor. . |
| Expression : | Detected on macrophages (at protein level) (PubMed:1698311). Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages. |

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