

Product datasheet for **AP22502PU-N**

CD14 (71-84) Goat Polyclonal Antibody

Product data:

| | |
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| Product Type: | Primary Antibodies |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | ELISA: 1/128000. Immunohistochemistry on Paraffin Sections: 4 µg/ml. Western Blot: 1 - 3 µg/ml. |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide from an internal region of human CD14 (NP_000582.1) |
| Specificity: | This antibody detects CD14 at aa 71-84. |
| Formulation: | Tris buffered saline, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Immunoaffinity chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | Homo sapiens CD14 molecule (CD14), transcript variant 1 |
| Database Link: | Entrez Gene 929 Human P08571 |
| Background: | In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the MD-2/TLR4 complex, thereby mediating 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. |
| Synonyms: | CD14 |

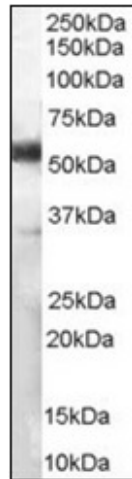


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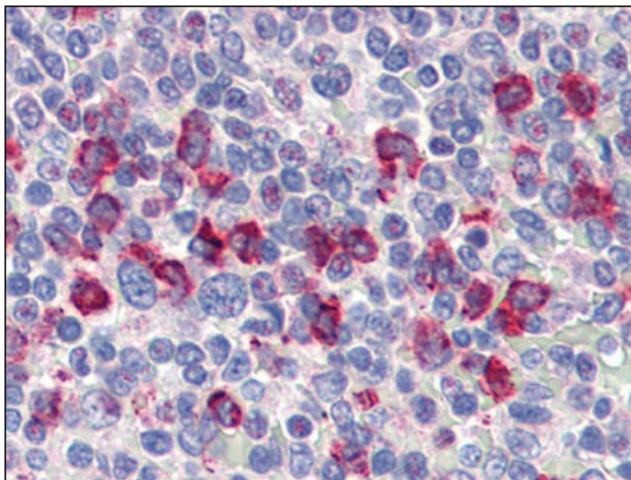
Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Hematopoietic cell lineage, MAPK signaling pathway, Pathogenic Escherichia coli infection, Regulation of actin cytoskeleton, Toll-like receptor signaling pathway

Product images:



(1 ug/ml) Staining of Human Lymph Node lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Human Spleen (formalin-fixed, paraffin-embedded) stained with CD14 antibody at 4 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.