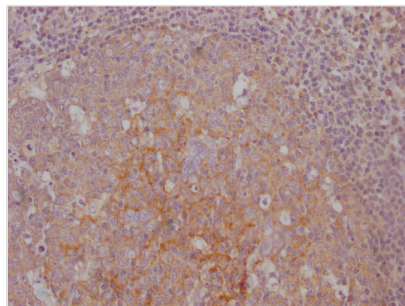




CD14 Monoclonal Antibody

| | |
|----------------------------|--|
| Product Code | CSB-MA792948 |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Uniprot No. | P08571 |
| Immunogen | Synthesized peptide derived from human CD14 |
| Raised In | Mouse |
| Species Reactivity | Human |
| Tested Applications | ELISA, IHC; Recommended dilution: IHC:1:20-1:200 |
| Relevance | Coreceptor for bacterial lipopolysaccharide (PubMed:1698311, PubMed:23264655). In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the LY96/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS) (PubMed:20133493, PubMed:23264655). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (PubMed:8612135). |
| Form | Liquid |
| Conjugate | Non-conjugated |
| Storage Buffer | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Purification Method | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| Isotype | IgG2b, Kappa |
| Clonality | Monoclonal |
| Product Type | Monoclonal Antibody |
| Immunogen Species | Homo sapiens (Human) |
| Target Names | CD14 |
| Clone No. | 8H2 |

Image



IHC image of CSB-MA792948 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-mouse IgG polymer labeled by HRP and visualized using 0.05% DAB.

Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.